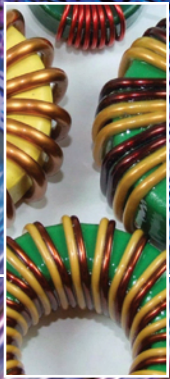
CAMBION®

WEARNES
Enabling Solutions



Electro-mechanical & Inductive Components

www.cambion.com

Introduction

HQ Singapore

Cambion® - The story so far

The *Cam*bridge Thermionic Corporat*ion* was founded in the 1930's in Cambridge, Massachusetts USA. The name Cambion® being derived from the first four and last three letters of that name.

The company quickly established a reputation in the USA as a quality supplier of small electro-mechanical and electronic components for the military and professional electronics markets.

In 1961 a parallel manufacturing facility was established in Castleton, Derbyshire, England to service an ever-expanding global market.

During the 1980/90's ownership changes gave rise to various name iterations such as Midland Ross, IPI Limited & Hollingsworth.

In 1991 the Singaporean multi national Wearnes Corporation acquired the organisation to support its objectives for a greater Global presence.

Cambion® - world-class manufacturing

As the history shows Wearnes Cambion have a long and established pedigree for high performance electro-mechanical and inductive components serving the professional, automotive, military, aerospace and industrial markets. Wearnes Cambion are committed to ongoing product development, products are constantly reviewed and updated for strategic fit to meet the ever changing marketplace.

Continual Investment, especially in the latest machinery, has resulted in substantial manufacturing and assembly capabilities to cover a broad and comprehensive range of disciplines and technologies. The unbeatable combination of modern materials and processes carried out by highly skilled operatives ensure the highest possible quality is achieved Wearnes Cambion brings together extensive experience and knowledge to offer a full design and prototype service. Engineers are able to provide a solution to a customer's individual requirements where standard components may not be suitable. Wearnes Cambion can also offer access to low cost manufacture via the Wearnes facilities in mainland China.

Wearnes Cambion is a full-registered JS09000:2008 & IS014001 facility and in addition Cambion has been awarded several service and system distinctions from its blue chip customer base.

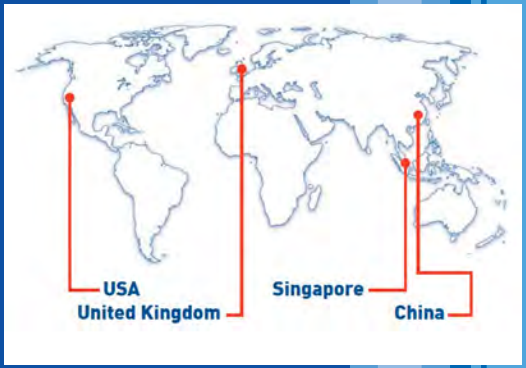
Wearnes, your total manufacturing solution partner

Wearnes Cambion works closely with its associated group facilities in the Far East, supporting the Electronics market with an array of services and products, ranging from precision electronic components and assemblies, PCBA, Die Casting, to full turnkey box build devices.

Wearnes facilities are dedicated to providing OEM, ODM and EMS services for industry. Products and services include: inductive components, electronic connectors and assemblies, miniature switches, anti-theft devices sensors, PCBA, full box build and many more. With a dedicated precision moulding and stamping capability along with R & D centre, it is capable of supporting small to large projects. In addition to IS09001, registration has been gained with IS014001, OHSAS 1800 l and TS16969.

Wearnes Precision (Shenyang) Ltd a leading precision engineering provider, specialising in aluminium die-casting, extrusion and CNC machining. In-house tool shop facility allows the fabrication production tooling and maintenance, thus streamlining production expenses and minimising customer response times.

Active in all electronic markets, but particularly strong in the automotive sector. In addition to IS09001, it is also registered with ISO 14001, OHSAS 18001and TS 16969.



Shenyang facility

Timeline...

1961	Cambion Electronic Products Limited established in the UK
1981	Cambion. SAE and Hollingsworth acquired by Midland Ross (MR).
1984	Name changed to Midland Ross Limited (MR).
1987	Management buy-out of the MR connector division to form I Pl.
1987	Name changed to Interconnection Products Limited. Cage Code U2600
1991	The US part of IPI ceased trading. Cage Code 71279
1991	Acquired by the Wearnes Organisation.
1994	Name changed to Wearnes Hollingsworth Limited. Cage Code U4251
2001	Name changed to Wearnes Cambion Limited. Cage Code K3105

Our vision helps us focus

VISION

To be a world-class organisation which embraces innovation, exceptional business practices and values in our chosen businesses.

MISSION

To enhance stakeholder values by:

- being a preferred employer and empowering our staff to excel
- ensuring the best customer satisfaction
- delivering sustainable returns to shareholders
- fulfilling our role as a good corporate citizen

VALUES

- Integrity
- Innovation
- Customer focus
- People oriented

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32 SOCKET ADAPTER BOARDS
33 RELAY BASES
34 BATTERY HOLDERS
34 CARD EJECTORS

35 SECTION 04 - SOLDER TERMINALS
36 PTFE INSULATED, PRESS MOUNT
38 PTFE INSULATED, PRESS MOUNT, FEEDTHROUGH
42 PTFE INSULATED FEEDTHROUGH, THREAD MOUNT

Cambion® is a registered trade mark

Wearnes Cambion Limited reserves the right to change specifications without prior notice on any products detailed in this catalogue, so long as the functionality is not affected.

43 CERAMIC INSULATED, FEEDTHROUGH, THREAD MOUNT
43 PTFE INSULATED, STANDOFF, THREAD MOUNT
44 CERAMIC INSULATED, STAND OFF
46 MOULDED DAP, PIN
47 MOULDED DAP, SINGLE TURRET
48 MOULDED DAP, TWIN TURRET
49 MOULDED DAP, SLOTTED
50 TURRET
54 FLARED - SWAGE MOUNT
55 TURRET, THROUGH HOLE
56 TURRET, THREAD MOUNT
56 EYELET
57 SWAGED - FEEDTHROUGH
58 TURRET, FEEDTHROUGH
60 SLOTTED

63 SECTION 05 - INDUCTIVE PRODUCTS
64 RF CHOKES - MOULDED
65 RF CHOKES - EPOXY DIPPED
66 RF CHOKES - MOULDED
67 RF CHOKES - EPOXY DIPPED
68 RF CHOKES - MOULDED
69 RF CHOKES - EPOXY DIPPED
70 SURFACE MOUNT WIREWOUND CHIP INDUCTOR
72 RF INDUCTOR - MOULDED
73 SURFACE MOUNT SHIELDED POWER INDUCTOR
74 SURFACE MOUNT UNSHIELDED POWER INDUCTOR
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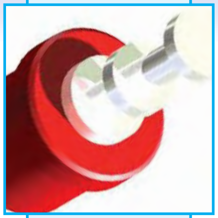
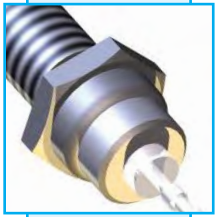
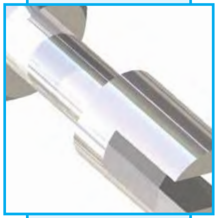

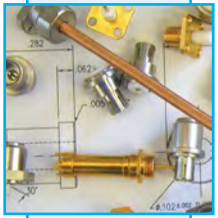

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Dimensions
Dimensions in this catalogue are given firstly in inches with metric equivalents in millimetres in brackets. For example: - .040 (1,02).

Part Numbering System
All standard Cambion part numbers consist of 13 digits as shown here. Always quote the full Cambion part number when ordering.
A full explanation of individual part numbers appears on the individual product pages of this catalogue.

461 - 2871 - 01 - 03 - 10

- 461: Stock Class
- 2871: Basic Part No.
- 01: Dimensions variable
- 03: Plating Finish
- 10: Colour Code

See below for details of stock class, dimensional variable, plating and colour codes

Cambion Stock Class Codes

120 Solder terminal pin type
140 Solder terminal slotted
160 Solder terminal - turret
180 Solder terminal - eyelet
360 Plug components
400 Battery holders
410 Component clips
435 Tooling
445 Patch cords
450 Single pole sockets
460 Connector pins
461 Connector plugs
506 Insulators
550 Chokes moulded
551 Chokes moulded
553 Chokes encapsulated
555 Inductors
556 Variable coils unshielded
558 Variable coils shielded
570 Insulated terminals
571 Insulated terminals
572 Insulated terminals

Basic Part No - This group of four digits gives the specific part number allocated to the product.

Dimensional Variable - This group of two digits is used where a choice of a particular dimension is available. This is normally used where a pin, cage jack or solder terminal is offered with a variety of shank lengths to suit different board thickness (for example see 460-2970). This portion of the part number may also be used to indicate a choice of dimensions between pin centres of a shorting link (see 461-2871) or the length of a patch cord (see 445-3306). In the case of inductors or chokes this would determine the inductance value of the part (see 550-3399). Where only one option is available -01 is always used (see 450-3704).

Plating Finish - This group of two digits is used to define the plating of the product. You should refer to the catalogue page for actual plating specifications but in general the following codes are used.

Plating Code	Plating	Plating Code	Plating
-00	No plating	-06	Gold/tin
-01	Silver	-07	Cadmium
-02	Nickel	-08	Bright alloy (obsolete specification)
-03	Gold	-09	Hot solder dip (obsolete specification)
-04	Electro-tin	-10	Hot tin dip (obsolete specification)
-05	Electro Solder		

Note also that in the case of standard chokes, these two digits indicate inductance tolerance

Dash Number	Tolerance
01	± 5%
02	±10%
03	±20%

Colour Code - The final group of two digits indicates the colour of the product. It is used where some portion of the product, normally an insulator, is made of a plastic material. See 450-4352 as an example.

Dash Number	Colour	Dash Number	Colour
-00	No colour	-15	Green
-10	Black	-16	Blue
-11	Brown	-17	Violet
-12	Red	-18	Grey
-13	Orange	-19	White
-14	Yellow	-20	Natural

SOLDER MOUNT

PRESS MOUNT

SOLDER MOUNT, .084-.102 PIN DIA (2.13-2.59)

SOLDER MOUNT - GUIDED ENTRY

SWAGE MOUNT

STACKABLE

SURFACE MOUNT

PATCHCORD CRIMP

PCB MOUNT SOLDER

SNAP ON COLOUR CODE INSULATOR

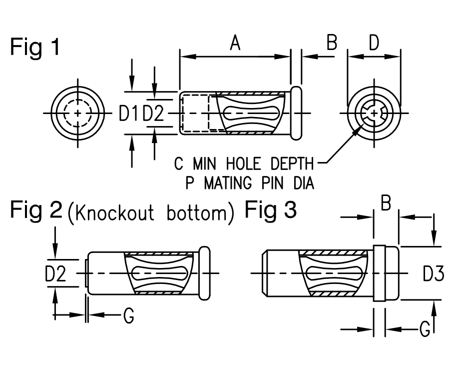
SOLDER MOUNT MOULDED GUIDED ENTRY

INSULATED - THREAD MOUNT

INSULATED - PRESS MOUNT

section 01

SINGLE POLE SOCKETS - SOLDER MOUNT



Dimensions in inches (mm)

How to order code

450 - XXXX - XX - XX - 00

Basic Part No.

Finish

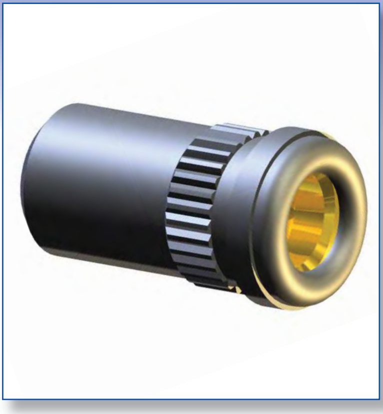
Material Code Table		
Component	Material	RoHS
Body	Brass Copper*	✓ ✓
Spring	Beryllium Copper (Heat Treated)	✓

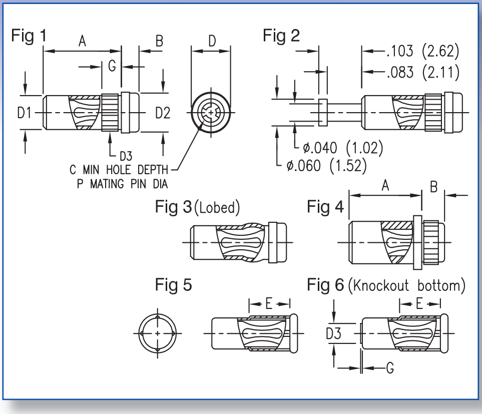
Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	✓

Fig.	Basic Part No.	P	A	B	C	D	D1	D2	D3	G	Mtg. Hole Diameter
	450-2598 -01	.019 (0.48)	.208 (5.28)	.032 (0.81)	-	.063 (1.60)	.049 (1.24)	.026 (0.66)	-	-	.052 (1.32)
	450-3268 -01	.019 (0.48)	.208 (5.28)	.032 (0.81)	.215 (5.46)	.063 (1.60)	.049 (1.24)	-	-	-	.052 (1.32)
	450-3772 -01*	.019 (0.48)	.212 (5.38)	.015 (0.38)	.207 (5.26)	.060 (1.52)	.049 (1.24)	-	-	-	.052 (1.32)
	-02*	.019 (0.48)	.208 (5.28)	.015 (0.38)	-	.060 (1.52)	.049 (1.24)	.030 (0.76)			.052 (1.32)
	450-3703 -01*	.025 (0.64)	.142 (3.61)	.020 (0.51)	.141 (3.58)	.074 (1.88)	.053 (1.35)	-	-	-	.055 (1.40)
	450-3718 -01*	.031 (0.79)	.188 (4.78)	.018 (0.46)	.190 (4.83)	.090 (2.29)	.073 (1.85)	-	-	-	.076 (1.93)
1	450-7004 -01	.031 (0.79)	.235 (5.97)	.030 (0.76)	.182 (4.62)	.091 (2.31)	.068 (1.73)	-	-	-	.073 (1.85)
	450-3704 -01*	.040 (1.02)	.188 (4.78)	.018 (0.46)	.190 (4.83)	.090 (2.29)	.073 (1.85)	-	-	-	.076 (1.93)
	450-3722 -01	.050 (1.27)	.195 (4.95)	.018 (0.46)	.200 (5.08)	.120 (3.05)	.098 (2.49)	-	-	-	.102 (2.59)
	450-1813 -01	.061 (1.55)	.195 (4.95)	.018 (0.46)	-	.120 (3.05)	.098 (2.49)	.071 (1.80)	-	-	.102 (2.59)
	450-3326 -01	.061 (1.55)	.195 (4.95)	.018 (0.46)	.200 (5.08)	.120 (3.05)	.098 (2.49)	-	-	-	.102 (2.59)
	450-1812 -01	.065 (1.65)	.195 (4.95)	.018 (0.46)	-	.120 (3.05)	.098 (2.49)	.071 (1.80)	-	-	.102 (2.59)
	450-3708 -01	.080 (2.03)	.350 (8.89)	.020 (0.51)	.360 (9.14)	.143 (3.63)	.114 (2.90)	-	-	-	.116 (2.95)
2	450-3716 -01*	.040 (1.02)	.190 (4.83)	.018 (0.46)	.190 (4.83)	.090 (2.29)	.073 (1.85)	.046 (1.17)	-	.013 (0.33)	.076 (1.93)
	450-3230 -01	.025 (0.64)	.112 (2.84)	.080 (2.03)	.150 (3.81)	.080 (2.03)	.058 (1.47)	-	.073 (1.85)	.030 (0.76)	.062 (1.57)
	450-3293 -01	.025 (0.64)	.102 (2.59)	.080 (2.03)	-	.080 (2.03)	.058 (1.47)	.046 (1.17)	.073 (1.85)	.030 (0.76)	.062 (1.57)
	450-3286 -01	.040 (1.02)	.200 (5.08)	.036 (0.91)	-	.125 (3.18)	.085 (2.16)	.062 (1.57)	.092 (2.34)	.020 (0.51)	.089 (2.26)
3	450-3366 -01	.040 (1.02)	.125 (3.18)	.192 (4.88)	.192 (4.88)	.125 (3.18)	.085 (2.16)	-	.091 (2.31)	.032 (0.81)	.089 (2.26)
	450-3388 -01	.040 (1.02)	.200 (5.08)	.036 (0.91)	.190 (4.83)	.125 (3.18)	.085 (2.16)	-	.092 (2.34)	.020 (0.51)	.089 (2.26)
	450-5301 -01	.040 (1.02)	.112 (2.85)	.108 (2.75)	.185 (4.70)	.102 (2.59)	.074 (1.88)	-	.092 (2.34)	.030 (0.76)	.076 (1.93)
	450-3256 -01	.080 (2.03)	.312 (7.92)	.100 (2.54)	-	.188 (4.78)	.142 (3.61)	.104 (2.64)	.143 (3.63)	.047 (1.19)	.144 (3.66)
	450-3398 -01	.080 (2.03)	.312 (7.92)	.100 (2.54)	.333 (8.46)	.188 (4.78)	.142 (3.61)	-	.143 (3.63)	.047 (1.19)	.144 (3.66)

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**

SINGLE POLE SOCKETS - PRESS MOUNT





Dimensions in inches (mm)
See page 93 for recommended Anvil and Punch

How to order code

450 - XXXX - XX - XX - 00

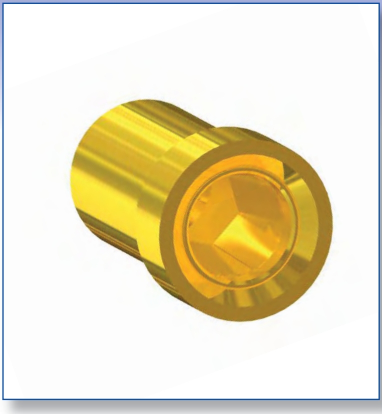
Basic Part No. (450 - XXXX) — **Finish** (XX)

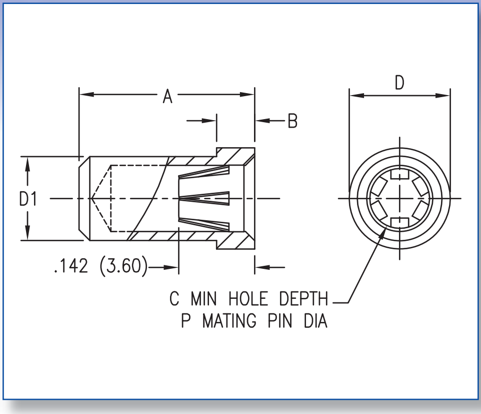
Material Code Table		
Component	Material	RoHS
Body	Brass Copper*	✓ ✓
Spring	Beryllium Copper (Heat Treated)	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	✓

Fig.	Basic Part No.	P	A	B	C	D	D1	D2	D3	E	G	Board Thickness	Mtg. Hole Diameter
1	450-3720 -01	.031 (0.79)	.213 (5.41)	.037 (0.94)	.185 (4.70)	.110 (2.79)	.080 (2.03)	.092 (2.34)	.092 (2.34)	-	.070 (1.78)	.062 (1.57)	.089 (2.26)
	450-3954 -01	.040 (1.02)	.140 (3.56)	.080 (2.03)	.185 (4.70)	.102 (2.59)	.072 (1.83)	.092 (2.34)	.081 (2.06)	-	.052 (1.32)	-	.076 (1.93)
	450-3721 -01	.040 (1.02)	.213 (5.41)	.037 (0.94)	.185 (4.70)	.110 (2.79)	.080 (2.03)	.092 (2.34)	.092 (2.34)	-	.070 (1.78)	.062 (1.57)	.089 (2.26)
	450-5348 -01	.040 (1.02)	.090 (2.30)	.129 (3.29)	.185 (4.70)	.102 (2.59)	.072 (1.83)	.092 (2.34)	.081 (2.06)	-	.052 (1.32)	-	.076 (1.93)
2	450-3755 -01	.040 (1.02)	.200 (5.08)	.040 (1.02)	.185 (4.70)	.110 (2.79)	.082 (2.08)	.092 (2.34)	.092 (2.34)	-	.070 (1.78)	.062 (1.57)	.089 (2.26)
3	450-3752 -01	.040 (1.02)	.140 (3.56)	.080 (2.03)	.185 (4.70)	.102 (2.59)	.074 (1.88)	.092 (2.34)	-	-	-	-	.076 (1.93)
4	450-1801 -01	.040 (1.02)	.175 (4.45)	.055 (1.40)	.185 (4.70)	.125 (3.18)	.100 (2.54)	.092 (2.34)	.103 (2.62)	-	-	-	.099 (2.53)
5	450-1804 -01	.061 (1.55)	.195 (4.95)	.018 (0.46)	.200 (5.08)	.120 (3.05)	.098 (2.49)	-	-	.100 (2.54)	-	-	.102 (2.59)
	450-1806 -01	.080 (2.03)	.356 (9.04)	.015 (0.38)	.360 (9.14)	.143 (3.63)	.114 (2.90)	-	-	.150 (3.81)	-	-	.116 (2.95)
	450-3983 -01*	.025 (0.64)	.138 (3.51)	.020 (0.51)	.141 (3.58)	.074 (1.88)	.053 (1.35)	-	-	.080 (2.03)	-	-	.055 (1.40)
	450-3998 -01*	.031 (0.79)	.188 (4.78)	.018 (0.46)	.190 (4.83)	.090 (2.29)	.073 (1.85)	-	-	.100 (2.54)	-	-	.076 (1.93)
	450-3729 -01*	.040 (1.02)	.188 (4.78)	.018 (0.46)	.190 (4.83)	.090 (2.29)	.073 (1.85)	-	-	.100 (2.54)	-	-	.076 (1.93)
6	450-3723 -01*	.040 (1.02)	.188 (4.78)	.018 (0.46)	.190 (4.83)	.090 (2.29)	.073 (1.85)	-	.046 (1.17)	-	.005 (0.13)	-	.076 (1.93)

SINGLE POLE SOCKETS - SOLDER MOUNT, .084-.102 PIN DIA (2.13-2.59)





Dimensions in inches (mm)

How to order code

450 - 8059 - 01 - XX - 00

Basic Part No.

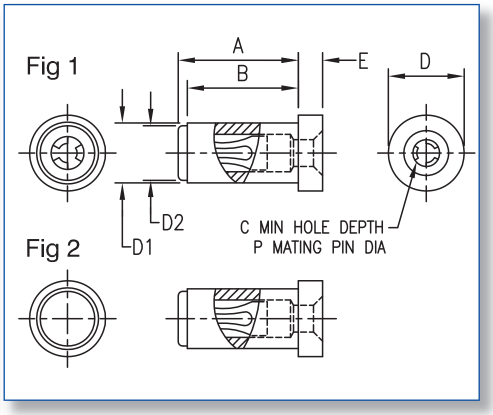
Socket Finish

Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-06	Electro-Tin	Gold over Nickel	✓

Basic Part No.	A	B	D	D1	C	P	Mtg. Hole Diameter
450-8059 -01	.327 (8.30)	.071 (1.80)	.188 (4.78)	.156 (3.96)	.268 (6.80)	.084-.102 (2.13-2.59)	.160 (4.06)

SINGLE POLE SOCKETS - SOLDER MOUNT, GUIDED ENTRY



Dimensions in inches (mm)

How to order code

450 - 37XX -01 - XX - 00

Basic Part No.

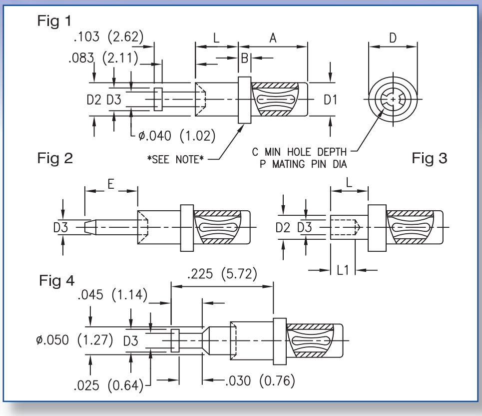
Finish

Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	✓

Fig.	Basic Part No.	P	A	B	D	D1	D2	C	E	Mtg. Hole Diameter
1	450-3760 -01	.040 (1.02)	.193 (4.90)	.182 (4.62)	.125 (3.18)	.100 (2.54)	.092 (2.34)	-	.040 (1.02)	.104 (2.64)
2	450-3783 -01	.040 (1.02)	.198 (5.03)	.182 (4.62)	.125 (3.18)	.100 (2.54)	.092 (2.34)	.210 (5.33)	.040 (1.02)	.104 (2.64)

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**



Dimensions in inches (mm)

See page 93 for recommended Anvil and Punch

How to order code

450 - XXXX - XX - XX - 00

Basic Part No. — Finish

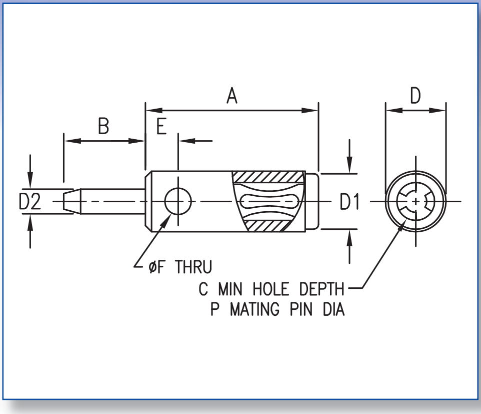
Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	✓

Fig.	Basic Part No.	L	Board Thickness	P	A	B	C	D	D1	D2	D3	E	L1	Mtg. Hole Diameter
1	450-3375 -02	.094 (2.39)	.062 (1.57)	.025 (0.64)	.106 (2.69)	.062 (1.57)	.141 (3.58)	.125 (3.18)	.077 (1.96)	.093 (2.36)	.062 (1.57)	-	-	.094 (2.39)
	-03	.125 (3.18)	.094 (2.39)		.075 (1.91)	.031 (0.79)								
	-04	.156 (3.96)	.125 (3.18)											
	-05	.219 (5.56)	.188 (4.76)											
	450-7005 -01*	.062 (1.57)	.031 (0.79)	.031 (0.79)	.193 (4.90)	.032 (0.81)	.183 (4.65)	.125 (3.18)	.092 (2.34)	.093 (2.36)	.066 (1.68)	-	-	.094 (2.39)
	-02*	.094 (2.39)	.062 (1.57)											
	-03*	.125 (3.18)	.094 (2.39)											
	-04*	.156 (3.96)	.125 (3.18)											
	-05*	.219 (5.56)	.188 (4.76)											
	450-3320 -01	.062 (1.57)	.031 (0.79)	.040 (1.02)	.193 (4.90)	.032 (0.81)	.190 (4.83)	.125 (3.18)	.092 (2.34)	.093 (2.36)	.066 (1.68)	-	-	.094 (2.39)
	-02	.094 (2.39)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
	-05	.219 (5.56)	.188 (4.76)											
	450-3324 -01	.058 (1.47)	.031 (0.79)	.061 (1.55)	.230 (5.84)	.050 (1.27)	.204 (5.18)	.188 (4.78)	.124 (3.15)	.141 (3.58)	.066 (1.68)	-	-	.144 (3.66)
	-02	.089 (2.26)	.062 (1.57)											
	-03	.120 (3.05)	.094 (2.39)											
	-04	.151 (3.84)	.125 (3.18)											
	450-3754 -01	.062 (1.57)	.031 (0.79)	.080 (2.03)	.440 (11.18)	-	.375 (9.53)	-	.144 (3.66)	.093 (2.36)	.066 (1.68)	-	-	.094 (2.39)
	-02	.094 (2.39)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
2	450-3263 -01	.051 (1.30)	.031 (0.79)	.025 (0.64)	.180 (4.57)	.045 (1.14)	.144 (3.66)	.094 (2.39)	.074 (1.88)	.058 (1.47)	.025 (0.64)	.125 (3.18)	-	.062 (1.57)
	-02	.082 (2.08)	.062 (1.57)											
	-03	.113 (2.87)	.094 (2.39)											
	-04	.145 (3.68)	.125 (3.18)											
	450-3310 -01	.062 (1.57)	.031 (0.79)	.040 (1.02)	.190 (4.83)	.032 (0.81)	.190 (4.83)	.125 (3.18)	.094 (2.39)	.093 (2.36)	.040 (1.02)	.187 (4.75)	-	.094 (2.39)
	-02	.094 (2.39)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
3	450-3394 -01	.062 (1.57)	.031 (0.79)	.025 (0.64)	.190 (4.88)	.045 (1.14)	.144 (3.66)	.094 (2.39)	.074 (1.88)	.058 (1.47)	.040 (1.02)	-	.040 (1.02)	.062 (1.57)
	-02	.094 (2.39)	.062 (1.57)										.062 (1.57)	
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
	450-3756 -01	.062 (1.57)	.031 (0.79)	.040 (1.02)	.230 (5.84)	.062 (1.57)	.180 (4.57)	.125 (3.18)	.091 (2.31)	.064 (1.63)	.040 (1.02)	-	.040 (1.02)	.067 (1.70)
	-02	.094 (2.39)	.062 (1.57)										.062 (1.57)	
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											
4	450-3266 -01	.041 (1.04)	.031 (0.79)	.019 (0.48)	.062 (1.57)	.025 (0.64)	.210 (5.33)	.094 (2.39)	.062 (1.57)	.072 (1.83)	.040 (1.02)	-	-	.076 (1.93)
	-02	.072 (1.83)	.062 (1.57)											
	-03	.104 (2.64)	.094 (2.39)											
	-04	.135 (3.43)	.125 (3.18)											

*Knurl is for part identification and to distinguish from similar socket, 450-3320 which is for .040 (1.02mm) diameter

SINGLE POLE SOCKETS - STACKABLE



Dimensions in inches (mm)

How to order code

450 - XXXX - 01 - 03 - XX

- Basic Part No.
- Socket Finish
- Insulator Colour

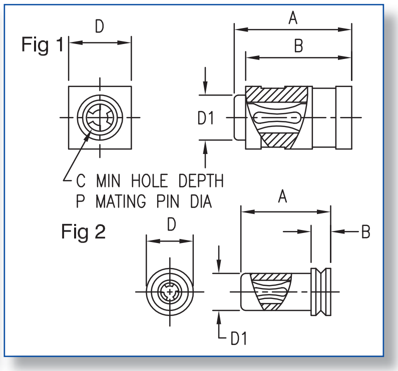
Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓
Insulation	Polyolefin Plastic	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-00	None
-10	Black

Basic Part No.	A	B	P	C	D	D1	D2	E	F
450-3327 -01	.235 (5.97)	.125 (3.18)	.040 (1.02)	.190 (4.83)	.094 (2.39)	.090 (2.29)	.025 (0.64)	-	-
	Also available with black polyolefin sleeve as 450-3289-01-03-10								
450-3278 -01	.425 (10.80)	.188 (4.78)	.080 (2.03)	.325 (8.26)	.156 (3.96)	.142 (3.61)	.040 (1.02)	-	-
	Also available with black polyolefin sleeve as 450-3279-01-03-10								
450-3078 -01	.305 (7.75)	.125 (3.18)	.025 (0.64)	.144 (3.66)	.094 (2.39)	.074 (1.88)	.025 (0.64)	.053 (1.35)	.043 (1.09)
	Also available with black polyolefin sleeve as 450-3390-01-03-10								
450-3302 -01	.323 (8.20)	.188 (4.78)	.040 (1.02)	.190 (4.83)	.094 (2.39)	.090 (2.29)	.040 (1.02)	.053 (1.35)	.043 (1.09)
	Also available with black polyolefin sleeve as 450-3301-01-03-10								

SINGLE POLE SOCKETS - SURFACE MOUNT



Dimensions in inches (mm)

How to order code

450 - XXXX - 01 - XX - 00

- Basic Part No.
- Socket Finish

Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-06	Electro-Tin	Gold over Nickel	✓

Fig.	Basic Part No.	A	B	D	D1	C	P
1	450-8340 -01	.235 (5.97)	.212 (5.38)	.125 (3.18)	.090 (2.29)	.190 (4.83)	.040 (1.02
2	450-8325 -01	.180 (4.57)	.040 (1.02)	.094 (2.39)	.074 (1.88)	.141 (3.58)	.025 (0.64)

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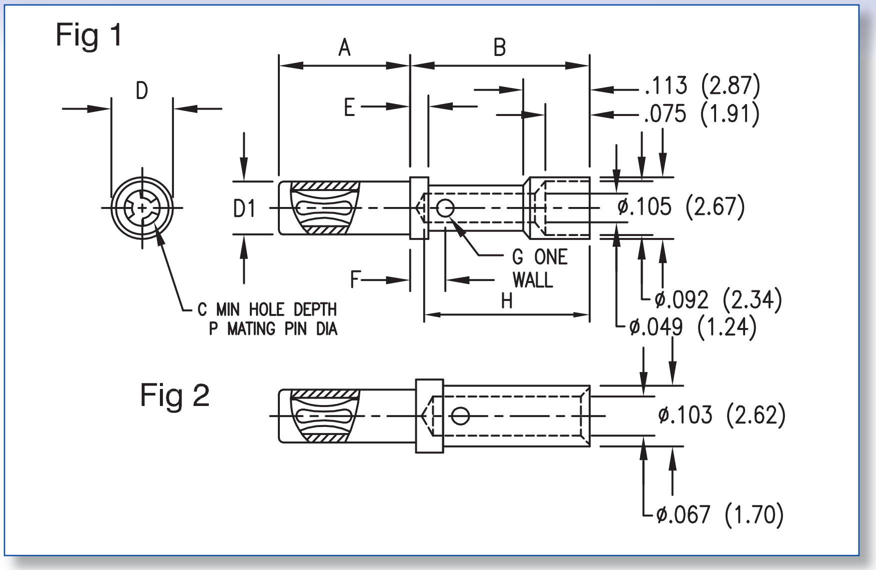
Dimensions in inches (mm)



How to order code

450 - XXXX - 01 - XX - XX

Basic Part No. / Socket Finish / Insulator Colour

Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓
Insulation	Polyolefin Plastic	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-00	None
-10	Black

Fig.	Basic Part No.	P	A	B	C	D	D1	E	F	G	H
1	450-3367 -01	.040 (1.02)	.224 (5.69)	.306 (7.77)	.185 (4.70)	.105 (2.67)	.091 (2.29)	.031 (0.79)	.060 (1.52)	.029 (0.74)	.282 (7.16)
		Also available with black polyolefin sleeve as 450-3378-01-XX-10									
	450-1807 -01	.080 (2.03)	.420 (10.67)	.306 (7.77)	.375 (9.53)	.170 (4.32)	.143 (3.63)	.031 (0.79)	.060 (1.52)	.029 (0.74)	.282 (7.16)
2	450-0016 -01	.061 (1.55)	.234 (5.94)	.296 (7.52)	.190 (4.83)	.141 (3.58)	.119 (3.02)	.046 (1.17)	.076 (1.93)	.039 (0.99)	.267 (6.78)
		Also available with black polyolefin sleeve as 450-3413-01-XX-10									

450-3367/450-3378/450-1807

Recommended hook-up wire size - #22AWG, 7 strands #30 AWG copper wire PTFE insulated

Sockets also accommodate #20 AWG, 7 strands #28 AWG copper wire
#24 AWG, 7 strands #32 AWG copper wire

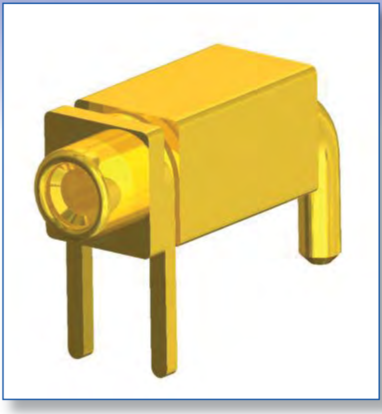
450-0016/450-3413

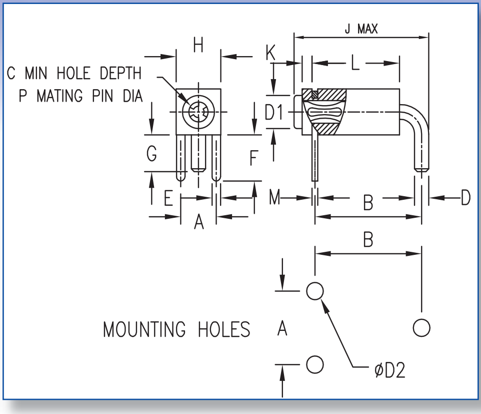
Recommended hook-up wire size - #20 AWG, 7 strands #28 AWG copper wire PTFE insulated

Sockets also accommodate #18 AWG, 7 strands #26 AWG copper wire
#16 AWG, 19 strands #29 AWG copper wire

Recommended Crimp Pliers		
450-3367-01 450-0016-01	Crimp tool Kit comprises of the following Frame Turret head	435-5680-01-00-00 430-5681-01-00-00 430-5682-01-00-00
450-1807-01	Crimp tool Kit comprises of the following Frame Positioner	435-5699-01-00-00 430-5681-01-00-00 430-5684-01-00-00

SINGLE POLE SOCKETS - PCB MOUNT SOLDER





Dimensions in inches (mm)

How to order code

450 - 3XXX - 01 - XX - 00

Basic Part No. — Finish

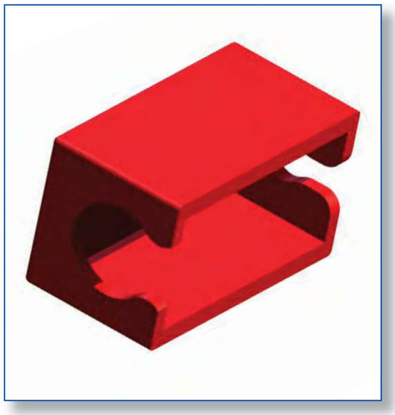
Material Code Table		
Component	Material	RoHS
Body	Brass	✓
Spring	Beryllium Copper (Heat Treated)	✓
Clip	Brass	✓

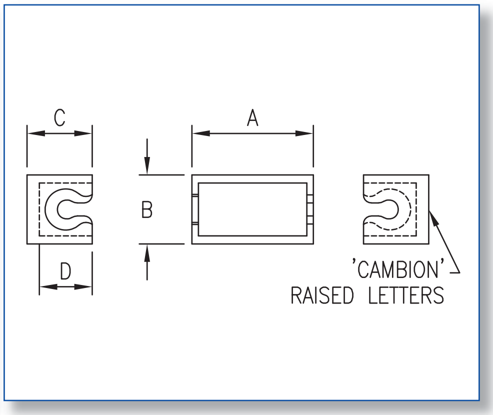
Finish Code Table				
Dash No.	Body Finish	Spring Finish	Clip	RoHS
-03	Gold over Nickel	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	Electro-Tin	✓

Basic Part No.	P	A	B	C	D	D1	D2	E
450-3422 -01	.040 (1.02)	.100 (2.54)	.300 (7.62)	.211 (5.36)	.040 (1.02)	.092 (2.34)	.047 (1.19)	.024 (0.61)
450-3888 -01	.080 (2.03)	.200 (5.08)	.400 (10.16)	.325 (8.26)	.056 (1.42)	.142 (3.61)	.062 (1.57)	.046 (1.17)

Basic Part No.	F	G	H	J	K	L	M
450-3422 -01	.125 (3.18)	.100 (2.54)	.125 (3.18)	.416 (10.57)	.028 (0.71)	.229 (5.82)	.016 (0.41)
450-3888 -01	.218 (5.54)	.156 (3.96)	.188 (4.78)	.537 (13.64)	.038 (0.97)	.325 (8.26)	.020 (0.51)

SNAP ON COLOUR CODE INSULATOR





Dimensions in inches (mm)

How to order code

506 - 44XX - 01 - 00 - XX

Basic Part No. — Colour

Material Code Table		
Component	Material	RoHS
Cover	Nylon	✓

Colour Code Table			
Dash No.	Colour	Dash No.	Colour
-10	Black	-15	Green
-11	Brown	-16	Blue
-12	Red	-17	Violet
-13	Orange	-18	Grey
-14	Yellow	-19	White

Basic Part No.	Used on Part	A	B	C	D
506-4422 -01	450-3422	.301 (7.65)	.172 (4.37)	.162 (4.11)	.131 (3.33)
506-4488 -01	450-3888	.415 (10.54)	.276 (7.01)	.268 (6.81)	.194 (4.93)

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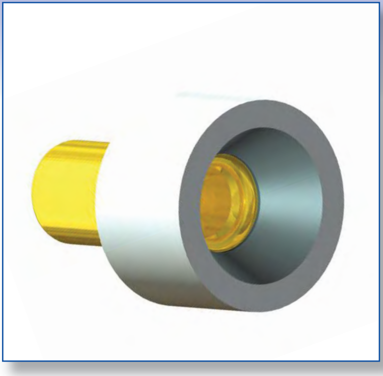
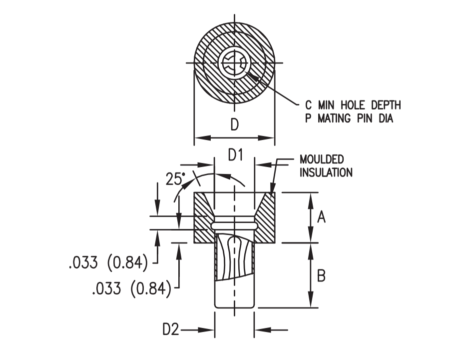
SINGLE POLE SOCKETS - SOLDER MOUNT - MOULDED GUIDED ENTRY

Dimensions in inches (mm)





How to order code

450 - 1826 - 01 - 03 - 20

- Basic Part No.
- Socket Finish
- Insulator Colour

Material Code Table		
Component		Material
Jack:	Body	Brass
	Spring	Beryllium Copper (Heat Treated)
Insulator		Nylon

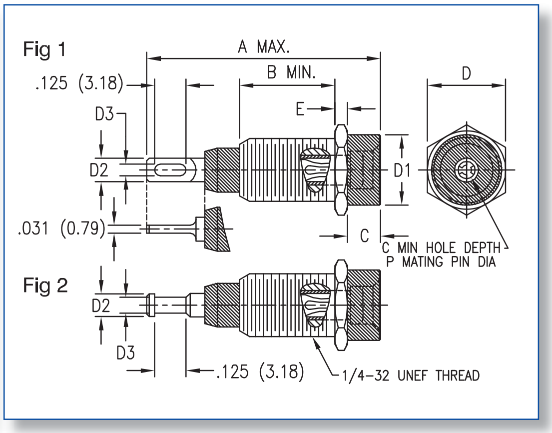
Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-20	Natural

Basic Part No.	P	A	B	D	D1	D2	C	Mtg. Hole Diameter
450-1826 -01	.061 (1.55)	.125 (3.18)	.162 (4.11)	.200 (5.08)	.093 (2.36)	.098 (2.49)	.250 (6.35)	.102 (2.59)

SINGLE POLE SOCKETS - INSULATED - THREAD MOUNT

Dimensions in inches (mm)



How to order code

450 - XXXX - 01 - 03 - XX

- Basic Part No.
- Terminal Finish
- Insulator Colour

Material Code Table		
Component	Material	RoHS
Insulator (450-3358 & 450-3381)	Nylon	✓
Insulator (450-3359 & 450-3382)	PTFE	✓
Metal Sleeve	Brass	✓
Socket Body	Brass	✓
Socket Spring	Berillium Copper (Heat Treated)	✓
Mounting Hex Nut	Brass	✓
Internal Tooth Lockwasher	Phosphor Bronze	✓

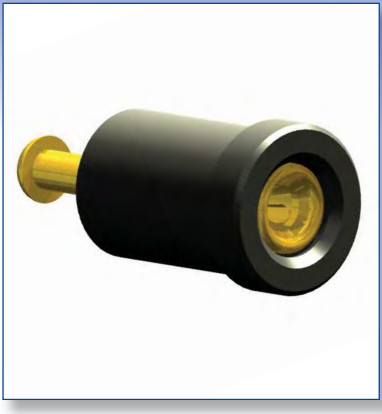
Finish Code Table						
Dash No.	Socket Body Finish	Socket Spring Finish	Metal Sleeve Finish	Mtg.. Hex Nut Finish	Lockwasher Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	Nickel	Nickel	Nickel	✓

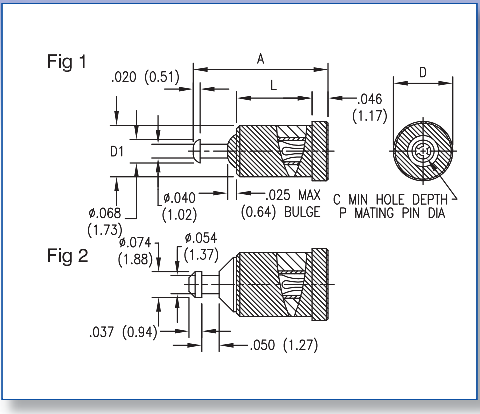
Insulation Colour Code Table	
Dash No.	Colour
-10	Black
-12	Red*
-16	Blue
-19	White

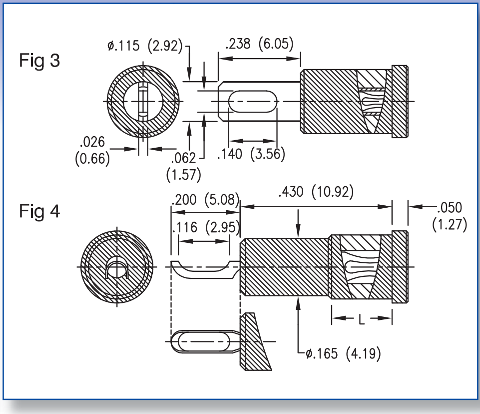
Fig.	Basic Part No.	A	B	C	D	D1	D2	D3	E	C	P	Dielectric Withstand Voltage (rms)	Insulator
1	450-3358 -01	1.000 (25.4)	.375 (9.53)	.131 (3.33)	.312 (7.92)	.281 (7.14)	.093 (2.36)	.047 (1.19)	.050 (1.27)	.540 (13.72)	.080 (2.03)	3000	Nylon
	450-3359 -01	1.000 (25.4)	.375 (9.53)	.131 (3.33)	.312 (7.92)	.281 (7.14)	.093 (2.36)	.047 (1.19)	.050 (1.27)	.540 (13.72)	.080 (2.03)	3000	PTFE
2	450-3381 -01	1.000 (25.4)	.375 (9.53)	.131 (3.33)	.312 (7.92)	.281 (7.14)	.090 (2.29)	.062 (1.57)	.050 (1.27)	.540 (13.72)	.080 (2.03)	3000	Nylon
	450-3382 -01	1.000 (25.4)	.375 (9.53)	.131 (3.33)	.312 (7.92)	.281 (7.14)	.090 (2.29)	.062 (1.57)	.050 (1.27)	.540 (13.72)	.080 (2.03)	3000	PTFE

Mounting Hardware supplied un-assembled. *Red PTFE is NOT RoHS compliant

SINGLE POLE SOCKETS - INSULATED, PRESS MOUNT







Dimensions in inches (mm)

See page 91 for Mounting Instructions

How to order code

450 - XXXX - 01 - XX - XX

- **Basic Part No.**
- **Socket Finish**
- **Insulator Colour**

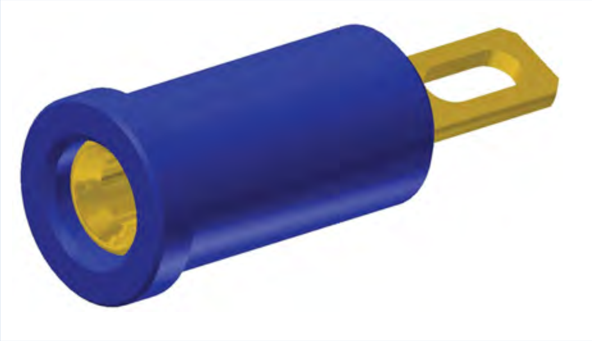
Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓*
Socket Body	Brass	✓
Socket Spring	Beryllium Copper (Heat Treated)	✓

Finish Code Table			
Dash No.	Body Finish	Spring Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓
-04	Electro-Tin	Electro-Tin	✓
-06	Electro-Tin	Gold over Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-10	Black
-12	Red*
-19	White

Fig.	Basic Part No.	A	For Panel Thickness	C	D	D1	L	P	Flashover at Sea Level (Vrms)	Capacitance (pf)	Mtg. Hole Diameter
1	450-4352 -01	.390 (9.91)	.031 (0.79) to .094 (2.39)	.190 (4.83)	.172 (4.37)	.149 (3.78)	.219 (5.56)	.040 (1.02)	2500	.7	.136 (3.45)
	450-4353 -01	.390 (9.91)	.031 (0.79) to .094 (2.39)	.190 (4.83)	.219 (5.56)	.185 (4.70)	.219 (5.56)	.040 (1.02)	2500	.6	.172 (4.37)
2	450-5237 -01	.413 (10.49)	.031 (0.79) to .094 (2.39)	.214 (5.44)	.219 (5.56)	.185 (4.70)	.242 (6.15)	.050 (1.27)	2500	.7	.172 (4.37)
	450-3374 -01	.453 (11.51)	.031 (0.79) to .230 (5.84)	.340 (8.64)	.219 (5.56)	.185 (4.70)	.270 (6.86)	.080 (2.03)	1800	.7	.172 (4.37)
3	450-4354 -01	.688 (17.48)	.031 (0.79) to .125 (3.18)	.332 (8.43)	.250 (6.35)	.216 (5.49)	.400 (10.16)	.080 (2.03)	2000	1.2	.203 (5.16)
4	450-4355 -01	.680 (17.27)	.031 (0.79) to .125 (3.18)	.350 (8.89)	.219 (5.56)	.185 (4.70)	.175 (4.45)	.080 (2.03)	2000	1.0	.172 (4.37)

*Red PTFE is NOT RoHS compliant



Single Pole Socket	Wire Size	Average		Max. Current	Wire Rating @ 700CM per AMP	ΔT At Wire Rating	Actual Part Tested	
		Contact Resistance At 1°C = ΔT	Rated Current At 1°C = ΔT	Carrying Capacity* At 30°C = ΔT			Single Pole Socket Part No.	Plug Part No.
0.017(0,43)	28AWG	1.77mΩ	1.0 Amps	7.3 Amps	0.23 Amps	0.1° C	450-3772-01-03-00	
0.025(0,64)	24AWG	1.2mΩ	1.7 Amps	14.2 Amps	0.58 Amps	0.3° C	450-3703-01-03-00	460-3050-0-03-00
0.040(1,02)	20AWG	1.0mΩ	3.0 Amps	23.0 Amps	1.5 Amps	0.2° C	450-3704-01-03-00	460-3308-01-03-00
0.050(1,27)	18AWG	1.0mΩ	3.0 Amps	27.0 Amps	2.3 Amps	0.8° C	450-3722-01-03-00	
0.062(1,57)	16AWG	0.56mΩ	3.5 Amps	30.0 Amps	3.7 Amps	1.1° C	450-3326-01-03-00	460-3368-01-03-00
0.080(2,03)	14AWG	0.35mΩ	4.0 Amps	32.0 Amps	5.9 Amps	1.9° C	450-3708-01-03-00	460-3369-02-03-00

*wire gauge was increased to carry current for taking data

Current Rating and Current Carrying Capacity

When an electric current passes through a connector interface, resistance heat is generated. The first passage of current across a newly mated connector where there is a defined interface resistance causes a minute local temperature rise and extremely small metal-to-metal "welds" to take place across the interface; this phenomenon is expected and results in an uninterrupted metal path across the interlace. As the current increases, the size of these minute welds increases up to a point, but in Single Pole Sockets and other separate connectors, they are still small enough to break apart on separation without visible impairment of the plating. As the current is increased more, further heating takes place not just in the plated films but in the pin and spring metal themselves. The heating, if significant and of long duration, can cause metallurgical deterioration of the finishes. This usually manifests itself by darkening of the luster of the finishes and is explained by migration of the metal atoms between plating and subplating and chemical activity with oxygen and certain air pollutants through ever present minute pores in the exterior plating.

It is sufficient to say that connector reliability can be jeopardized by long-term excessive current.

Cooling the connector takes place in two ways: by conducting the heat away via the electrical conductors and by conducting heat to the connector and conductor surfaces where circulating air carries it away by convection. The rate of cooling is affected by the size of the housing and conductors and by how much air circulates around the connector. In conducting the current rating tests, a drawn cup jack was used since it is low in mass and heats up more than any machined body jack with a given current.

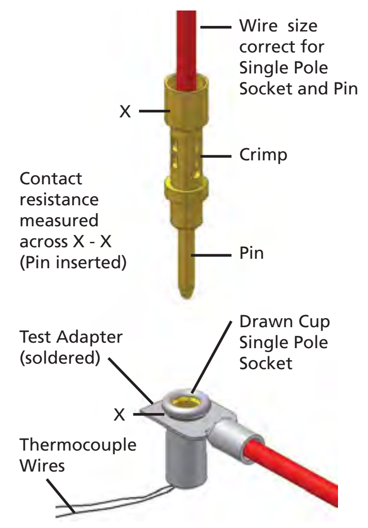
The current rating is determined at CAMBION by first matching the pin size to the conductor size as follows:

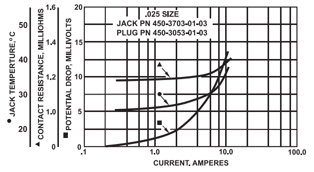
Up to .025 (0,64)	dia. 24 AWG
.030 (0.76)	20 AWG
.040(1,02)	20 AWG
.050(1,27)	16 AWG
.062(1,57)	16 AWG
.080(2,03)	12 AWG
.094(2,39)	12 AWG

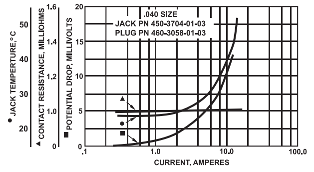
Current Rating is defined as the current which produces one degree Centigrade increase in temperature under these conditions. Contact Resistance is measured at this current.

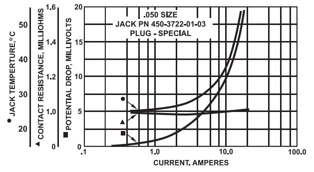
Maximum Current Carrying Capacity is defined as that current which produces a temperature rise of 30°C when the test is continued above the current rating.

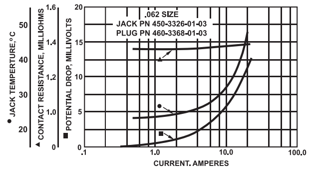
These measurements are made with the Single Pole Socket soldered to insulated wires rather than mounted in printed circuit boards. In this way, variables of the mounting board heat dissipation are eliminated.

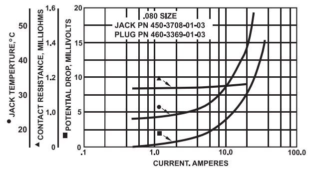










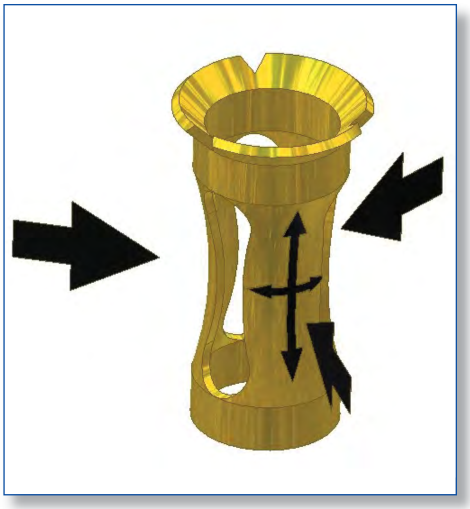


SINGLE POLE SOCKETS PERFORMANCE DATA

Cambion miniature pins and sockets are specifically designed for quick, tight, space-saving applications on printed circuits. All connectors are electrically and mechanically tested, carefully inspected for dimensional accuracy and, when necessary, subjected to severe environmental tests Cambion pins and sockets are available from stock in a wide range of sizes, materials and finishes to meet virtually every requirement.

Sockets are closed entry cage type. The loose piece socket consists of two pieces - a flexible spring and a housing. The spring formed from beryllium copper is hardened and then plated. Housings may be drawn copper cups or machined from brass depending on application. The spring is securely captivated in the housing by staking. Most loose piece socket connectors are offered with three plating finishes - gold spring and housing, gold spring and electro tin housing or electro-tin spring and housing. Loose piece sockets are available in many styles and sizes to accommodate miniature pins and wires in the range .014 (0,36) to .093 (2,36) diameter. For repeated usage, Cambion recommends that pins to mate with loose piece sockets should be within ± .002 (0,05) of nominal cage diameter.

CONTACT CONFIGURATIONS



SINGLE POLE SOCKET DESIGN FEATURES

Compound curvature spring

- Longitudinal and circumferential contact.
- Stamped, burr-free heat-treated beryllium copper spring/conductor.

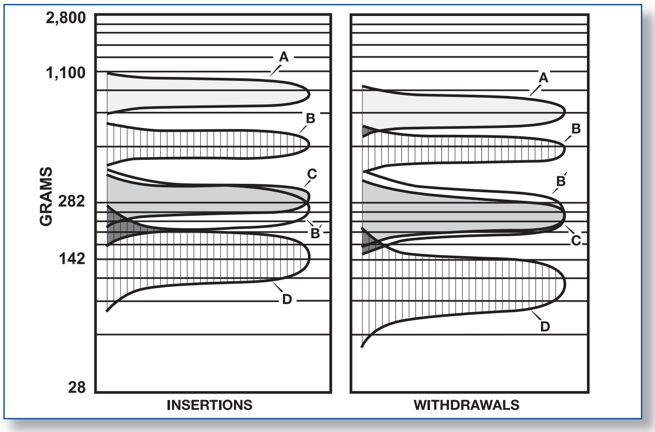
3-point contact

- 60% contact around mating pin.

Pins are precision engineered to be compatible with loose piece sockets and thereby provide positive and lasting electrical connections with low contact resistance. They are offered only gold plated, and pin diameters are held to ± .002 (0,05).
Current carrying capacity and contact resistance for loose piece sockets mated with various pin diameters are shown in the following table

Single Pole Socket Pin Diameter	Average Contact Resistance (mΩ)	@ rated Current For 1⁰C ΔT (A)	Max. Current For 30⁰C ΔT (A)
.020"(0,51mm)	1.5	1.4	11.0
.025"(0,64mm)	1.2	1.7	14.2
.030"(0,76mm)	1.1	2.1	17.0
.040"(1,02mm)	1.0	3.0	23.0
.050"(1,27mm)	1.0	3.0	27.0
.062"(1,57mm)	0.56	3.5	30.0
.080"(2,03mm)	0.35	4.0	32.0

INSERTION / WITHDRAWAL FORCE DISTRIBUTION CURVES



A : .080 (2,03) pin/.080 (2,03) socket
B : .062 (1,57) pin/.060 (1,52) socket
B' : .059 (1,50) pin/.060 (1,52) socket
C : .040 (1,02) pin/.040 (1,02) socket
D : .020 (0,51) pin/.020 (0,51) socket

Special requirements, for which there are no standard Cambion connectors, can be met with custom-designed pins and loose piece sockets.

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**

STRAIGHT

SWAGE MOUNT & RIGHT ANGLE

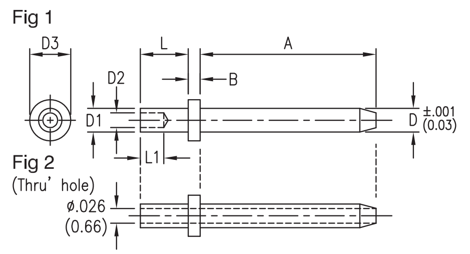
THROUGH BOARD

EDGE MOUNT

SOLDER MOUNT POLYGON

PATCHCORD CRIMP

section 02



Dimensions in inches (mm)
See page 93/94 for recommended Anvil and Punch

How to order code

460 - XXXX - XX - XX - 00

Basic Part No. (XXXX) · 'L' Length (XX) · Finish (XX)

Material Code Table

Component	Material	RoHS
Pin	Brass	✓

Finish Code Table

Dash No.	Pin Finish	RoHS
-03	Gold over Nickel	✓
-04	Electro-Tin	✓

Fig.	Basic Part No.	'L' Length	Board Thickness	L1	A	B	D	D1	D2	D3	Mtg. Hole Diameter
	460-2599 -01	.051(1.30)	.031(0.79)	.035(0.89)	.156(3.96)	.030(0.76)	.017(0.43)	.049(1.24)	.033(0.84)	.078(1.98)	.052(1.32)
	-02	.082(2.08)	.062(1.57)	.062(1.57)							
	-03	.113(2.87)	.094(2.39)								
	-04	.145(3.68)	.125(3.18)								
	460-5247 -01	.061(1.55)	.025(0.64)	-	.157(3.99)	.016(0.41)	.017(0.43)	.019(0.48)	-	.039(0.99)	.025(0.64)
	-02	.075(1.91)	.040(1.02)								
	460-2620 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.020(0.51)	.025(0.64)	.031(0.79)	.020(0.51)	.050(1.27)	.035(0.89)
	-02	.082(2.08)	.062(1.57)								
	460-2621 -01	.051(1.30)	.031(0.79)	.040(1.02)	.300(7.62)	.020(0.51)	.025(0.64)	.031(0.79)	.020(0.51)	.050(1.27)	.035(0.89)
	-02	.082(2.08)	.062(1.57)								
	460-2625 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.170(4.32)	.025(0.64)	.031(0.79)	.020(0.51)	.050(1.27)	.035(0.89)
	-02	.082(2.08)	.062(1.57)								
	460-2626 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.420(10.67)	.025(0.64)	.031(0.79)	.020(0.51)	.050(1.27)	.035(0.89)
	-02	.082(2.08)	.062(1.57)								
	460-3231 -01	.051(1.30)	.031(0.79)	.035(0.89)	.125(3.18)	.025(0.64)	.025(0.64)	.040(1.02)	.025(0.64)	.062(1.57)	.043(1.09)
1	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-3393 -01	.062(1.57)	.031(0.79)	.040(1.02)	.125(3.18)	.030(0.76)	.025(0.64)	.058(1.47)	.040(1.02)	.078(1.98)	.062(1.57)
	-02	.094(2.39)	.062(1.57)	.062(1.57)							
	-03	.125(3.18)	.094(2.39)								
	-04	.156(3.96)	.125(3.18)								
	460-2983 -01	.051(1.30)	.031(0.79)	.040(1.02)	.300(7.62)	.020(0.51)	.031(0.79)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2984 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.020(0.51)	.031(0.79)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2627 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.170(4.32)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2628 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.420(10.67)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								

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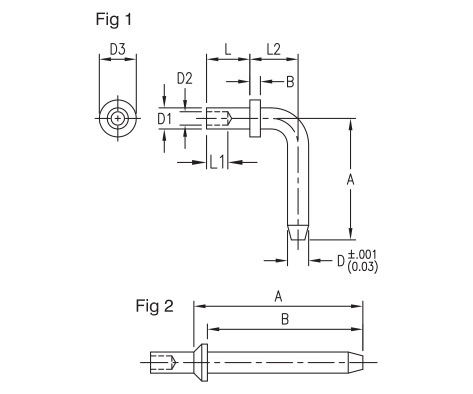
Fig.	Basic Part No.	'L' Length	Board Thickness	L1	A	B	D	D1	D2	D3	Mtg. Hole Diameter
1	460-2946 -01	.051(1.30)	.031(0.79)	.040(1.02)	.500(12.70)	.020(0.51)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2947 -01	.051(1.30)	.031(0.79)	.040(1.02)	.750(19.05)	.020(0.51)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2948 -01	.051(1.30)	.031(0.79)	.040(1.02)	1.000(25.40)	.020(0.51)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2970 -01	.051(1.30)	.031(0.79)	.040(1.02)	.300(7.62)	.020(0.51)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2971 -01	.051(1.30)	.031(0.79)	.040(1.02)	.150(3.81)	.020(0.51)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2976 -01	.051(1.30)	.031(0.79)	.040(1.02)	.188(4.78)	.020(0.51)	.040(1.02)	.040(1.02)	.025(0.64)	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-3220 -01	.062(1.57)	.031(0.79)	.040(1.02)	.188(4.78)	.020(0.51)	.045(1.14)	.060(1.52)	.042(1.07)	.094(2.39)	.064(1.63)
	-02	.094(2.39)	.062(1.57)								
	-03	.125(3.18)	.094(2.39)								
	-04	.155(3.94)	.125(3.18)								
	460-3342 -01	.053(1.35)	.031(0.79)	.050(1.27)	.188(4.78)	.025(0.64)	.062(1.57)	.062(1.57)	.043(1.09)	.094(2.39)	.067(1.70)
	-02	.084(2.13)	.062(1.57)								
	-03	.115(2.92)	.094(2.39)								
	460-1524 -01	.051(1.30)	.031(0.79)	.040(1.02)	.500(12.70)	.030(0.76)	.080(2.03)	.090(2.29)	.067(1.70)	.156(3.96)	.094(2.39)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2629 -02	.094(2.39)	.062(1.57)	.062(1.57)	.375(9.53)	.025(0.64)	.080(2.03)	.090(2.29)	.064(1.63)	.125(3.18)	.094(2.39)
	-03	.125(3.18)	.094(2.39)								
	-04	.156(3.96)	.125(3.18)								
2	460-2956 -01	.051(1.30)	.031(0.79)	-	.500(12.70)	.020(0.51)	.040(1.02)	.040(1.02)	-	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2957 -01	.051(1.30)	.031(0.79)	-	.750(19.05)	.020(0.51)	.040(1.02)	.040(1.02)	-	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-2958 -01	.051(1.30)	.031(0.79)	-	1.000(25.40)	.020(0.51)	.040(1.02)	.040(1.02)	-	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-3232 -01	.051(1.30)	.031(0.79)	-	.300(7.62)	.020(0.51)	.040(1.02)	.040(1.02)	-	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-3233 -01	.051(1.30)	.031(0.79)	-	.150(3.81)	.020(0.51)	.040(1.02)	.040(1.02)	-	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								
	460-3241 -01	.051(1.30)	.031(0.79)	-	.100(2.54)	.020(0.51)	.040(1.02)	.040(1.02)	-	.070(1.78)	.043(1.09)
	-02	.082(2.08)	.062(1.57)								
	-03	.113(2.87)	.094(2.39)								



Dimensions in inches (mm)
See page 93/94 for recommended Anvil and Punch

How to order code

460 - XXXX - XX - XX - 00

Basic Part No. — **Finish**

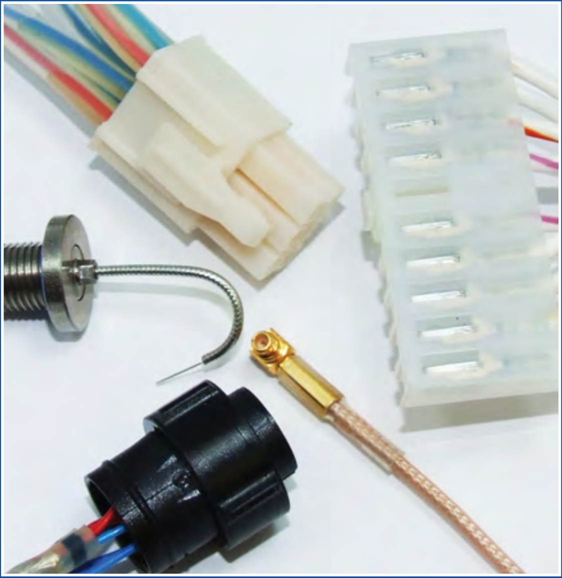
Material Code Table		
Component	Material	RoHS
Pin	Brass	✓

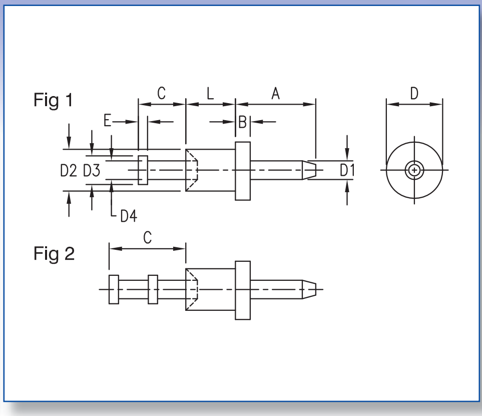
Finish Code Table		
Dash No.	Pin Finish	RoHS
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro–Solder	X

Fig.	Basic Part No.	L	Board Thickness	L1	L2	A	B	D	D1	D2	D3	Mtg. Hole Diameter
1	460-1521 -01	.051(1.30)	.031 (0.79)	.040 (1.02)	.080 (2.03)	.257 (6.53)	.020 (0.51)	.040 (1.02)	.040 (1.02)	.025 (0.64)	.070 (1.78)	.043 (1.09)
	-02	.082 (2.08)	.061 (1.57)									
	-03	.113 (2.87)	.094 (2.39)									
	460-1523 -01	.051(1.30)	.031 (0.79)	.040 (1.02)	.200 (5.08)	.370 (9.40)	.170 (4.32)	.080 (2.03)	.090 (2.29)	.067 (1.70)	.156 (3.96)	.094 (2.39)
	-02	.082 (2.08)	.061 (1.57)									
	-03	.113 (2.87)	.094 (2.39)									
2	460-3889 -01	.047 (1.19)	.031 (0.79)	.031 (0.79)	-	.213 (5.41)	.188 (4.78)	.025 (0.64)	.030 (0.76)	.020 (0.51)	.062 (1.57)	.033 (0.84)
	460-3221 -01	.062 (1.57)	.031 (0.79)	.040 (1.02)	-	.240 (6.10)	.188 (4.78)	.045 (1.14)	.060 (1.52)	.042 (1.07)	.125 (3.18)	.064 (1.63)
	-02	.094 (2.39)	.061 (1.57)									
	-03	.125 (3.18)	.094 (2.39)									
	-04	.156 (3.96)	.125 (3.18)									

Electro-Mechanical Custom Design

Cambion are able to assist with Electro-Mechanical component design, either hybrid versions of standard products or to an application specific requirement, supported with fast turnaround of prototypes via its UK manufacturing activity. Additionally Cambion can offer full project management of connector and cable harness developments.





Dimensions in inches (mm)
See page 94 for recommended Anvil and Punch

How to order code

460 - XXXX - XX - XX - 00

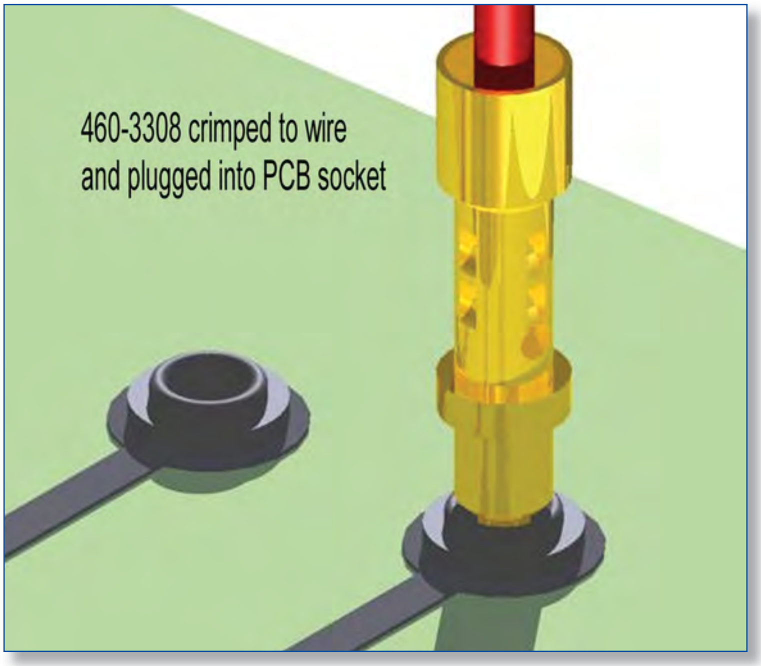
Basic Part No. — Finish

Material Code Table		
Component	Material	RoHS
Pin	Brass	✓

Finish Code Table		
Dash No.	Pin Finish	RoHS
-03	Gold over Nickel	✓
-04	Electro-Tin	✓

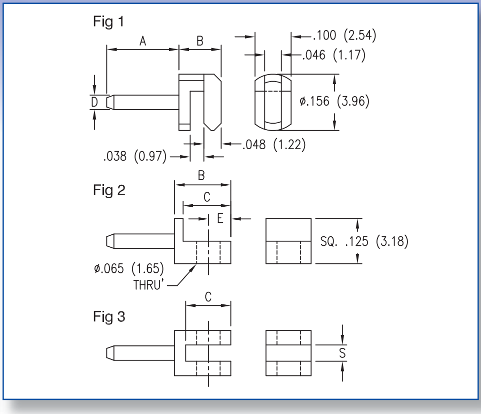
Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	Mtg. Hole Diameter
	460-3202 -01	.051(1.30)	.031 (0.79)	.157 (3.99)	.032 (.081)	.076 (1.93)	.078 (1.98)	.025 (0.64)	.058 (1.47)	.033 (0.84)	.020 (0.51)	.015 (0.38)	.061 (1.57)
	-02	.082 (2.08)	.061 (1.57)										
	-03	.113 (2.87)	.094 (2.39)										
	460-5243 -01	.051 (1.30)	.031 (0.79)	.172 (4.37)	.022 (0.56)	.125 (3.18)	.094 (2.39)	.040 (1.02)	.072 (1.83)	.050 (1.27)	.040 (1.02)	.020 (0.51)	.076 (1.93)
1	-02	.081 (2.08)	.061 (1.57)										
	-03	.113 (2.87)	.094 (2.39)										
	-04	.145 (3.68)	.125 (3.18)										
	460-3205 -02	.082 (2.08)	.061 (1.57)	0.22 (5.59)	.032 (0.81)	.082 (2.08)	.125 (3.18)	.062 (1.57)	.090 (2.29)	.060 (1.52)	.040 (1.02)	.020 (0.51)	.094 (2.39)
	-03	.113 (2.87)	.094 (2.39)										
	460-2605 -02	.105 (2.67)	.061 (1.57)	.410 (10.40)	.035 (0.89)	.172 (4.37)	.156 (3.96)	.080 (2.03)	.116 (2.95)	.088 (2.24)	.050 (1.27)	.020 (0.51)	.120 (3.05)
2	-03	.135 (3.43)	.094 (2.39)										
	-04	.165 (4.19)	.125 (3.18)										

Typical application



CONNECTOR PINS - EDGE MOUNT

Dimensions in inches (mm)



How to order code

46X - XXXX - XX - XX - 00

Basic Part No. | **Finish**

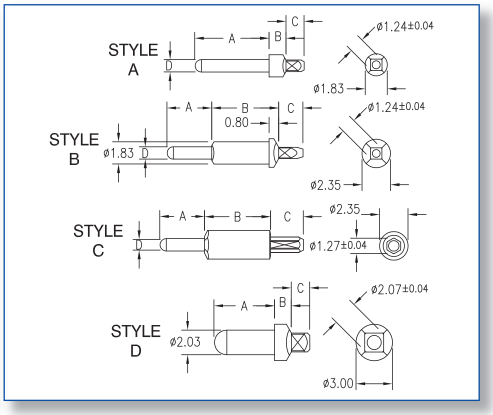
Material Code Table		
Component	Material	RoHS
Pin	Brass	✓

Finish Code Table		
Dash No.	Pin Finish	RoHS
-03	Gold over Nickel	✓
-04	Electro-Tin	✓

Fig.	Basic Part No.	A	Board Thickness	B	C	D	E	S
1	460-8250 -01	.200 (5.08)	-	.117 (2.97)	-	.040 (1.02)	-	-
2	461-2633 -01	.188 (4.77)	-	.156 (3.96)	.132 (3.35)	.040 (1.02)	.062 (1.57)	-
3	461-2634 -01	.200 (5.08)	.031 (0.78)	.156 (3.96)	.125 (3.18)	.040 (1.02)	.062 (1.57)	.045 (1.15)
	-02		.062 (1.57)					.078 (1.98)

CONNECTOR PINS - SOLDER MOUNT POLYGON

Dimensions in mm



How to order code

X - X - X - XXXX - XXXX - 3 - X

B - Brass
T - Tellurium Copper
'D' Dia
Style
'A' Pin Length
'B' Standoff Length
Finish
'C' Mounting Length

Material Code Table			
Component	Dash Letter	Material	RoHS
Pin	B	Brass	✓
	T	Tellurium Copper	✓

Finish Code Table		
Dash No.	Finish	RoHS
-03	Gold over Nickel	✓

Mounting Code Table	
Dash No.	C Mounting Length
1	0.90
2	1.50
3	2.00
4	2.70

Pin Dia Code Table	
Dash No.	D Pin Diameter
1	1.02
2	1.57
3	2.03

Example Part Number	Material	Pin dia D	Style	Pin Length A	Stand off Length B	Finish	Mounting Length C
B-1-B-0478-0432-3-4	Brass	1.02	B	4.78	4.32	Gold	2.70

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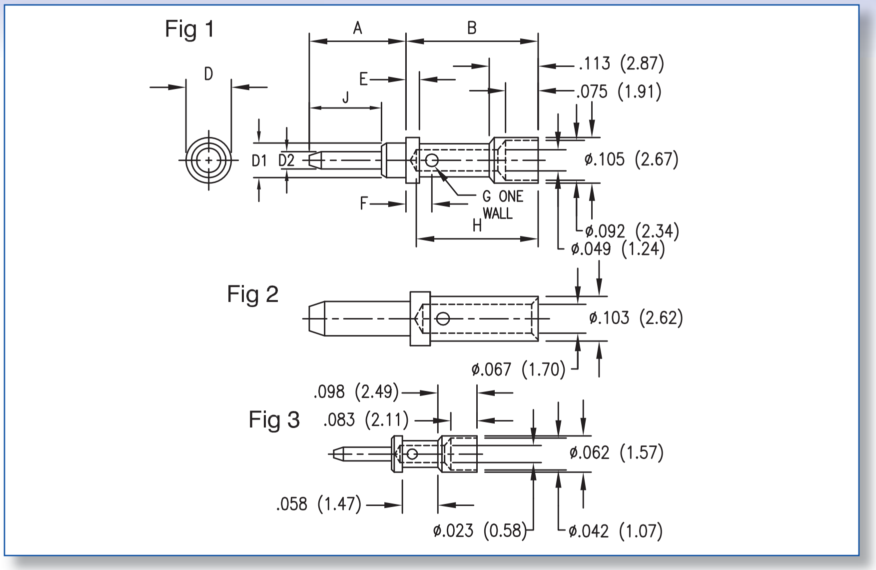
Dimensions in inches (mm)



How to order code

46X - 3XXX - XX - XX - XX

- **Basic Part No.**
- **Socket Finish**
- **Insulator Colour**

Material Code Table		
Component	Material	RoHS
Pin	Brass	✓
Insulation	Polyolefin Plastic	✓

Finish Code Table		
Dash No.	Pin Finish	RoHS
-03	Gold over Nickel	✓
-04	Electro-Tin	✓

Insulation Colour Code Table	
Dash No.	Colour
-00	None
-10	Black

Fig.	Basic Part No.	A	B	D	D1	D2	E	F	G	H	J
1	460-3308 -01	.282 (7.16)	.306 (7.77)	.105 (2.67)	.077 (1.96)	.040 (1.02)	.031 (0.79)	.060 (1.52)	.029 (0.74)	.282 (7.16)	.188 (4.78)
	460-3368 -01	.282 (7.16)	.306 (7.77)	.105 (2.67)	.077 (1.96)	.062 (1.57)	.031 (0.79)	.060 (1.52)	.029 (0.74)	.282 (7.16)	.188 (4.78)
	460-3369 -01	.200 (5.08)	.306 (7.77)	.105 (2.67)	-	.080 (2.03)	.031 (0.79)	.060 (1.52)	.029 (0.74)	.282 (7.16)	-
	-02	.375 (9.53)									
	-03	.500 (12.70)									
2	460-3299 -01	.200 (5.08)	2.96 (7.52)	.141 (3.58)	-	.080 (2.03)	.046 (1.17)	.076 (1.93)	.040 (1.02)	.267 (6.78)	-
	-02	.375 (9.53)									
	-03	.500 (12.70)									
3	460-3050 -01	.125 (3.18)	.188 (4.78)	.062 (1.57)	-	.025 (0.64)	.032 (0.81)	.048 (1.22)	.025 (0.64)	.166 (4.22)	-
		Also available with black Polyolefin Sleeve as 461-3102-01-XX-10									

460-3050 / 461-3102
Recommended hook-up wire size - # 28AWG, 7 strands # 36 AWG copper wire plastic insulated
.039 (0.99) Max. Diameter over Insulation

460-3308 / 460-3368 / 460-3369
Recommended hook-up wire size - # 22AWG, 7 strands # 30 AWG copper wire PTFE insulated
.053 (1.37) Max. Diameter over Insulation
Socket also accommodates # 20 AWG, 7 strands # 28 AWG copper wire insulated
24 AWG, 7 strands # 32 AWG copper wire insulated

460-3299
Recommended hook-up wire size - # 20AWG, 7 strands # 28 AWG copper wire PTFE insulated
Socket also accommodates # 18 AWG, 7 strands # 26 AWG copper wire, insulated
16 AWG, 19 strands # 29 AWG copper wire, insulated

Recommended Crimp Pliers		
460-3308-01	Crimp tool Kit	435-5680-01-00-00
460-3368-01	comprises of the following	
460-3369-XX	Frame	430-5681-01-00-00
460-3299-XX	Turret head	430-5682-01-00-00

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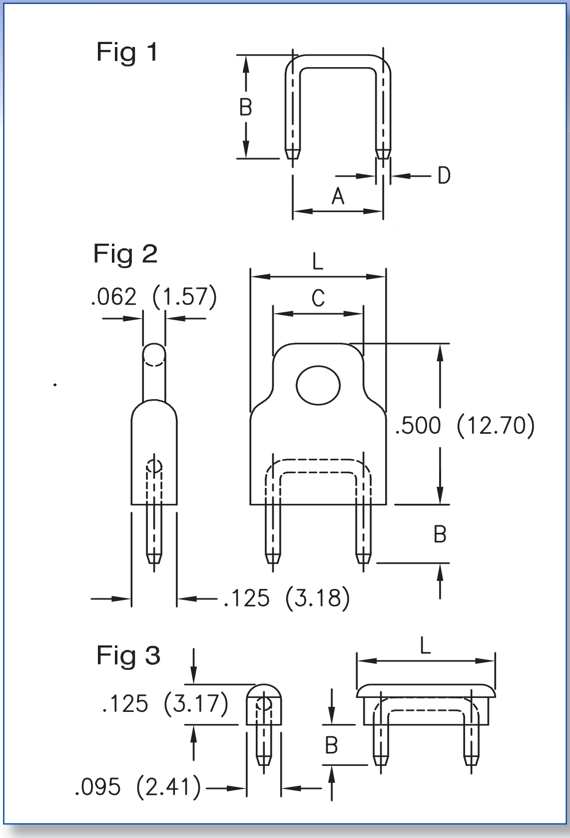
SOCKET ADAPTER BOARDS
RELAY BASES
BATTERY HOLDERS
CARD EJECTORS

section 03

Dimensions in inches (mm)



How to order code

XXX - XXXX - XX - 03 - XX

Basic Part No. — Pin Finish — Insulator Colour (where applicable)

Typical application

Material Code Table		
Component	Material	RoHS
Pin	Brass	✓
Insulation	Polypropylene	✓

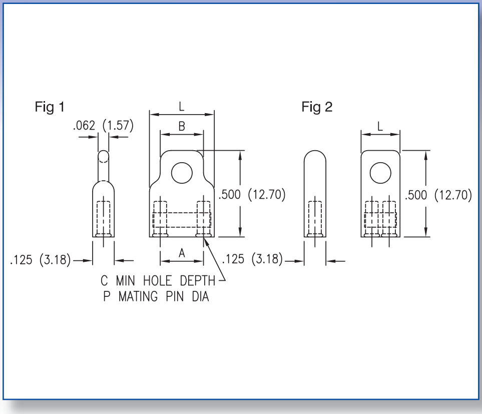
Finish Code Table		
Dash No.	Pin Finish	RoHS
-03	Gold over Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-00	None
-10	Black
-12	Red
-16	Blue

Fig.	Basic Part No.	A	L	B	C	D
1	360-0004 -01	.200 (5.08)	-	.200 (5.08)	-	.025 (0.64)
	-02	.250 (6.35)				
	-03	.300 (7.62)				
	-04	.400 (10.16)				
	-05	.500 (12.70)				
	360-0017 -01	.200 (5.08)	-	.261 (6.63)	-	.040 (1.02)
	-02	.250 (6.35)				
	-03	.300 (7.62)				
	-04	.400 (10.16)				
	-05	.500 (12.70)				
2	461-2871 -01	.200 (5.08)	.375 (9.53)	.181 (4.60)	.250 (6.35)	.040 (1.02)
	-02	.250 (6.35)				
	461-3771 -01	.400 (10.16)	.620 (15.75)	.181 (4.60)	.432 (10.97)	.040 (1.02)
	-02	.500 (12.70)				
3	461-2251 -01	.200 (5.08)	.334 (8.48)	.125 (3.18)	-	.025 (0.64)
	-02	.250 (6.35)	.384 (9.75)			
	-03	.300 (7.62)	.434 (11.02)			
	-04	.400 (10.16)	.534 (13.56)			
	-05	.500 (12.70)	.634 (16.10)			
	461-2872 -01	.200 (5.08)	.334 (8.48)	.181 (4.60)	-	.040 (1.02)
	-02	.250 (6.35)	.384 (9.75)			
	-03	.300 (7.62)	.434 (11.02)			
	-04	.400 (10.16)	.534 (13.56)			
	-05	.500 (12.70)	.634 (16.10)			

SHORTING LINKS - SOCKET

Dimensions in inches (mm)



How to order code

450 - XXXX - 01 - 06 - XX

- Basic Part No.
- Socket Finish
- Insulator Colour

Material Code Table		
Component	Material	RoHS
Insulation	Polypropylene	✓
Socket: Body	Copper	✓
Socket: Spring	Beryllium Copper (Heat Treated)	✓
Strap	Bronze	✓

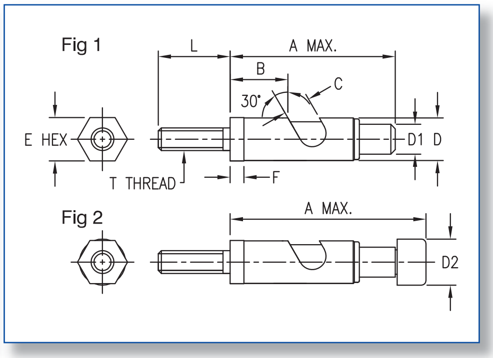
Finish Code Table				
Dash No.	Socket Body Finish	Spring Finish	Strap Finish	RoHS
-06	Electro-Tin	Gold Plated	Electro-Tin	✓

Insulation Colour Code Table	
Dash No.	Colour
-10	Black
-12	Red
-16	Blue

Fig.	Basic Part No.	P	A	B	C	L
1	450-3775 -01	.040 (1.02)	.200 (5.08)	.250 (6.35)	.190 (4.83)	.375 (9.53)
	450-3776 -01	.040 (1.02)	.400 (10.16)	.432 (10.97)	.190 (4.83)	.620 (15.75
2	450-4774 -01	.031 (0.79)	.100 (2.54)	-	.190 (4.83)	.240 (6.10)
	450-4775 -01	.040 (1.02)	.100 (2.54)	-	.190 (4.83)	.240 (6.10)

COMPONENT CLIPS

Dimensions in inches (mm)



How to order code

410 - XXXX - 01 - 02 - XX

- Basic Part No.
- Finish
- Cap Colour (where applicable)

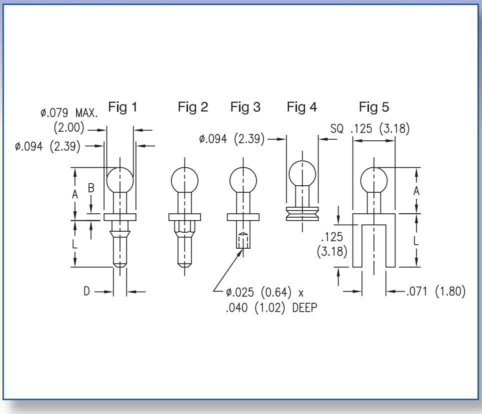
Material Code Table		
Component	Material	RoHS
Pin	Brass	✓
Plunger	Brass	✓
Spring	Cres. Steel	✓
Cap	Nylon	✓

Finish Code Table				
Dash No.	Housing Finish	Plunger Finish	Spring Finish	RoHS
-02	Nickel	Nickel	Passivated	✓

Colour Code Table	
Dash No.	Colour
-00	None
-19	White

Fig.	Basic Part No.	A	B	C	D	D1	D2	E	F	L	T
1	410-2146 -01	.371 (9.42)	.140 (3.56)	.040 (1.02)	.125 (3.18)	.070 (1.78)	-	.156 (3.96)	.060 (1.52)	.218 (5.54)	2 - 56
	410-2329 -01	.524 (13.31)	.220 (5.59)	.055 (1.40)	.156 (3.96)	.094 (2.39)	-	.156 (3.96)	.060 (1.52)	.218 (5.54)	2 - 56
	410-2339 -01	.752 (19.10)	.282 (7.16)	.085 (2.16)	.187 (4.75)	.130 (3.30)	-	.188 (4.78)	.060 (1.52)	.312 (7.92)	3 - 48
2	410-2844 -01	.496 (12.60)	.140 (3.56)	.040 (1.02)	-	-	.170 (4.32)	.156 (3.96)	.060 (1.52)	.218 (5.54)	2 - 56
	410-2832 -01	.863 (21.92)	.282 (7.16)	.085 (2.16)	-	-	.215 (5.46)	.188 (4.78)	.060 (1.52)	.312 (7.92)	3 - 48

CONNECTABALL - MALE



Dimensions in inches (mm)
See page 94 for recommended Anvil and Punch

How to order code

460 - 845X - XX - XX - 00

Basic Part No. — Fabrication (460-8452 only) — Finish

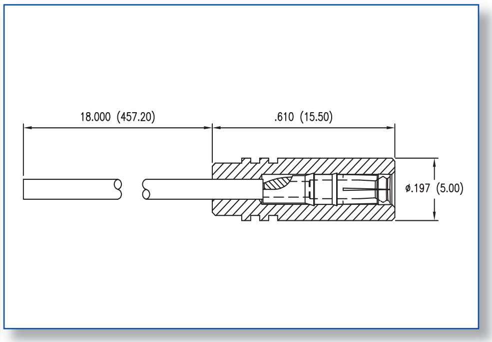
Material Code Table		
Component	Material	RoHS
Connectaball	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold 50µ"(1.25µm)	✓
-93	Gold 10µ"(0.25µm)	✓
-04	Electro - Tin	✓

Fig.	Basic Part No.	L	Board Thickness	A	B	D	Mtg. Hole Diameter
1	460-8450 -01	.138 (3.50)	-	.157 (4.00)	.020 (0.50)	.039 (1.00)	.051 (1.30)
2	460-8451 -01	.138 (3.50)	-	.157 (4.00)	.020 (0.50)	.039 (1.00)	.051 (1.30)
3	460-8452 -01	.051 (1.30)	.031 (0.79)	.157 (4.00)	.020 (0.50)	.039 (1.00)	.043 (1.09)
	-02*	.082 (2.08)	.062 (1.57)				
	-03	.113 (2.87)	.094 (2.39)				
4	460-8453 -01	-	-	.177 (4.50)	.039 (1.00)	.094 (2.39)	-
5	460-8454 -01	.157 (4.00)	-	.138 (3.50)	-	-	-

*Prefered - others to order

CONNECTABALL - FEMALE



Dimensions in inches (mm)

How to order code

445 - 860X - 01 - XX - XX

Basic Part No. — Finish — Colour

Material Code Table		
Component	Material	RoHS
Contact	Brass	✓
Insulator	PTFE	✓*
Wire	See Table	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold (1.25µm 50µ")	✓
-93	Gold (0.25µm 10µ")	✓
-04	Electro - Tin	✓

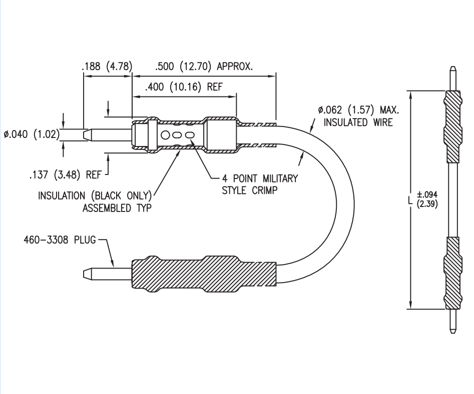
Colour Code Table	
Dash No.	Colour
-10	Black
-12	Red*
-19	White

Basic Part No.	Wire Diameter	Wire Insulation	Max. Operating Current	Max. Contact Resistance	Connector Engaging Force (Max.)	Resistance to pull (Min.)
445-8600 -01	19 x 0.2mm	PTFE	3A	5 mΩ	60N	4.9N
445-8601 -01	28 x 0.15mm	PVC	3A	5 mΩ	60N	4.9N

*Red PTFE is not RoHS compliant

PATCHCORDS

Dimensions in inches (mm)



How to order code

445 - 3306 - XX - 03 - XX

Basic Part No. — Plug Finish — Wire Colour

Material Code Table			
Component		Material	RoHS
Insulation		Polyolefin Plastic	✓
Plug		Brass	✓
Insulated Wire:	Wire	Copper	✓
	Insulation	PTFE	✓

Finish Code Table		
Dash No.	Plug Finish	RoHS
-03	Gold	✓

Wire Code Table			
Dash No.	Wire Colour	Dash No.	Wire Colour
-10*	Black	-15	Green
-11	Brown	-16*	Blue
-12*	Red	-17	Violet
-13	Orange	-18	Grey
-14	Yellow	-19	White

Basic Part No.	L
445-3306 -02	4.000 (101.60)
-03	6.000 (152.40)

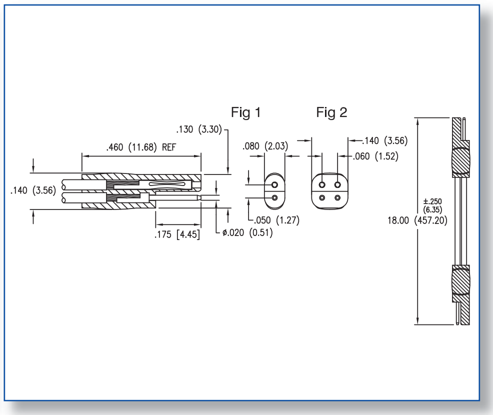
Basic Part No.	L
445-3306 -04	8.000 (203.20)
-05	12.000 (304.80)

Wire Colour *Standard – Others to order

Wire Data Ref: #20 AWG, 7 Strands #28 AWG Silver Plated Copper Wire

PATCHCORDS - SUB-MINIATURE - POLARISED

Dimensions in inches (mm)



How to order code

444 - 151X - 18 - 03 - XX

Basic Part No. — Plug Jack Finish — Wire Colour

Material Code Table			
Component		Material	RoHS
Insulation		Nylon	✓
Jack		Beryllium Copper	✓
Pin		Brass	✓
Insulated Wire:	Wire	Copper	✓
	Insulation	Vinyl	✓
Solder		60/40 Tin/Lead	X

Finish Code Table		
Dash No.	Plug - Jack Finish	RoHS
-03	Gold	✓

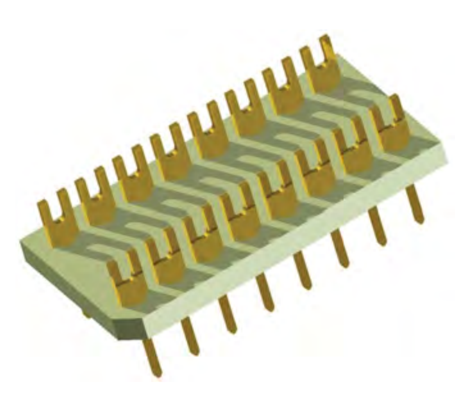
Wire Code Table for Fig. 1	
Dash No.	Wire Colour
-01	White, White
-02	Black, Red

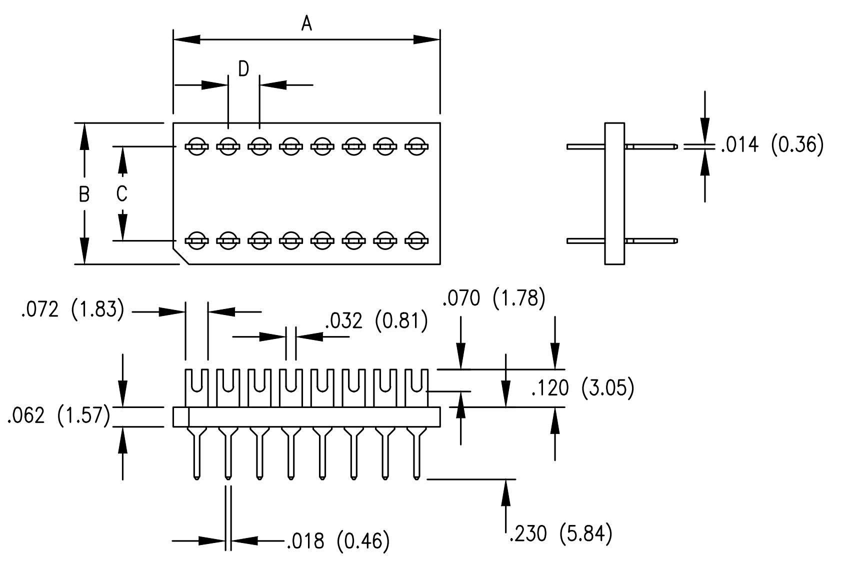
Wire Code Table for Fig. 2	
Dash No.	Wire Colour
-01	White, White,White, White
-02	Black, Red, White, Green

Fig.	Basic Part No.	Current Capacity Per Wire
1	444-1514 -18	1.5A
2	444-1515 -18	1.5A

Cable may be cut into two different sub-lengths as required by the user

Dimensions in inches (mm)





How to order code

702 - XXXX - 01 - 03 - 00

Basic Part No.

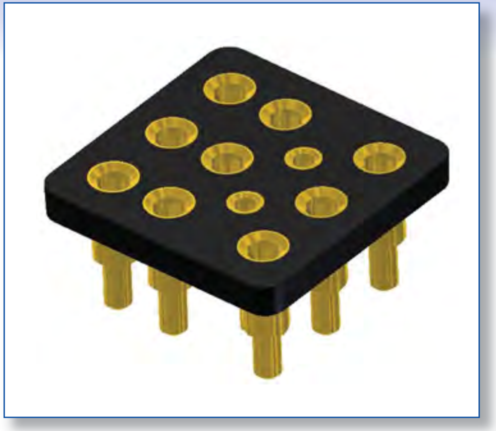
Finish

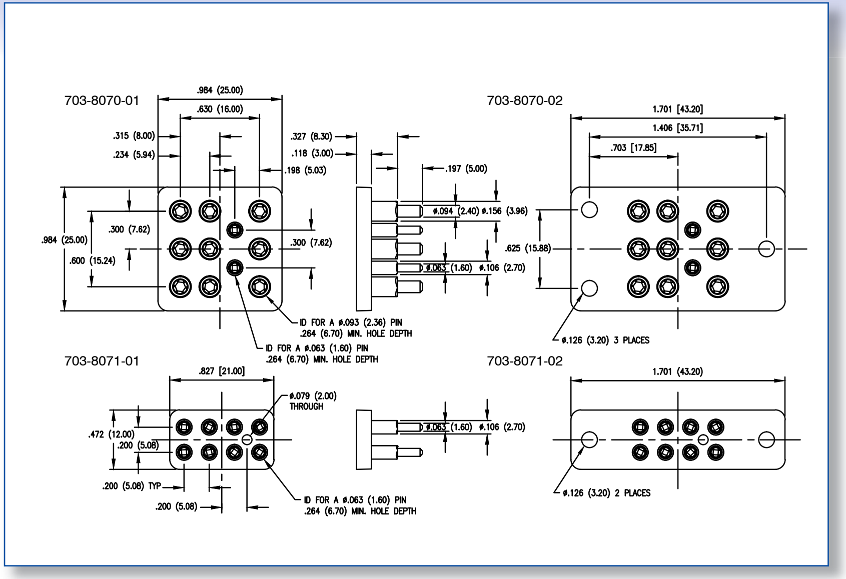
Material Code Table		
Component	Material	RoHS
Board	FR4	✓
Pins	Phosphor Bronze	✓

Finish Code Table		
Dash No.	Pins	RoHS
-03	Gold over Nickel	✓
-04	Electro-Tin	✓

Basic Part No.	No. of Pins	A	B	C	D
702-5162-01	6	.350 (8.89)	.450 (11.43)	.300 (7.62)	.100 (2.54)
702-3720-01	8	.450 (11.43)	.450 (11.43)	.300 (7.62)	.100 (2.54)
702-3723-01	8	.750 (19.05)	.450 (11.43)	.300 (7.62)	.200 (5.08)
702-3725-01	14	.750 (19.05)	.450 (11.43)	.300 (7.62)	.100 (2.54)
702-3728-01	16	.850 (21.59)	.450 (11.43)	.300 (7.62)	.100 (2.54)
702-3733-01	24	1.250 (31.75)	.750 (19.05)	.600 (15.24)	.100 (2.54)
702-3700-01	40	2.050 (52.07)	.750 (19.05)	.600 (15.24)	.100 (2.54)

Dimensions in inches (mm)





How to order code

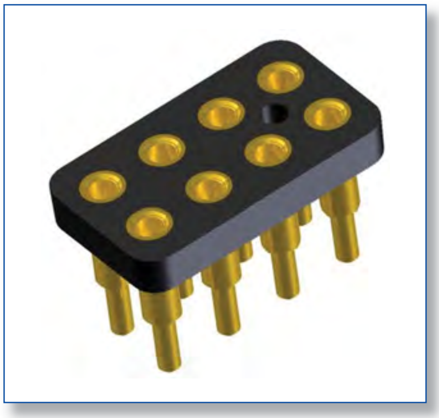
703 - 807X - XX - 03 - 10

- **Basic Part No.** — 703 - 807X
- **Mounting Ear Option** — XX
- **Finish** — 03
- **Colour** — 10

Material Code Table		
Component	Material	RoHS
Carrier	High Temp Plastic	✓
Socket Bodies	Brass	✓
Socket Clips	Berryllium Copper (Heat Treated)	✓

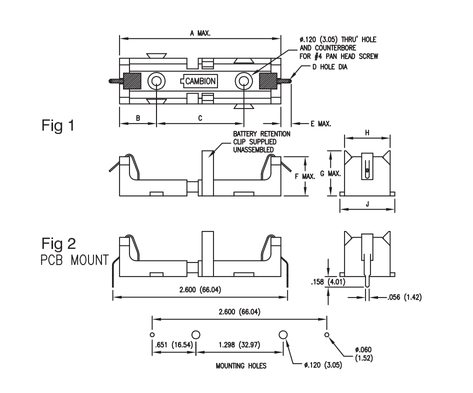
Finish Code Table			
Dash No.	Socket Body Finish	Socket Clip Finish	RoHS
-03	Gold over Nickel	Gold over Nickel	✓

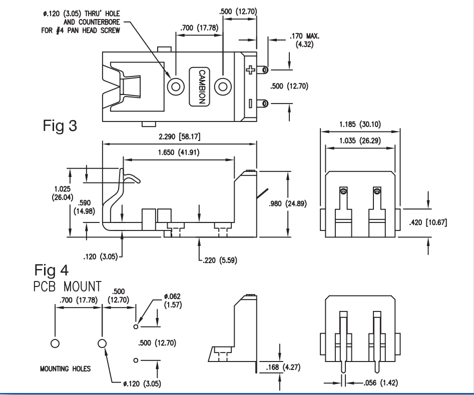
Colour Code Table	
Dash No.	Colour
-10	Black



Other styles and configurations available, please consult factory.

BATTERY HOLDERS





Dimensions in inches (mm)

How to order code

400 - XXXX - 01 - 00 - 20

Colour

Basic Part No.

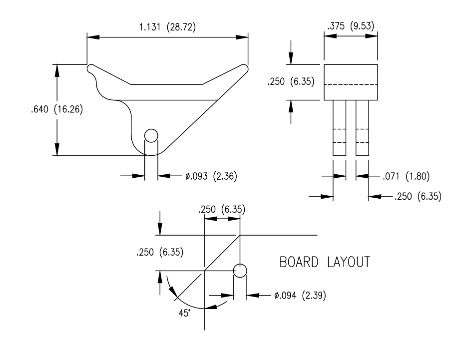
Material Code Table		
Component	Material	RoHS
Body	Polyester	✓
Clip	Polyester	✓
Spring & Solder Lug	Phosphor Bronze	✓

Finish Code Table		
Dash No.	Spring & Solder Lug Finish	RoHS
-04	Electro-Tin	✓

Colour Code Table	
Dash No.	Colour
-20	Natural

Fig.	Basic Part No.	Battery Size	A	B	C	D	E	F	G	H	J
1	400-2800 -01	C	2.400 (60.96)	.590 (14.99)	1.200 (30.48)	.065 (1.65)	.280 (7.11)	1.080 (27.43)	1.193 (30.30)	1.090 (27.69)	1.200 (30.48)
	400-2801 -01	D	2.930 (74.42)	.650 (16.51)	1.592 (40.44)	.065 (1.65)	.280 (7.11)	1.335 (33.91)	1.400 (35.36)	1.500 (38.10)	1.600 (40.64)
	400-2802 -01	AA	2.430 (61.72)	.550 (13.97)	1.298 (32.97)	.046 (1.17)	.220 (5.59)	.780 (19.81)	.747 (18.97)	.680 (17.27)	.773 (19.63)
2	400-2803 -01	AA	2.430 (61.72)	.550 (13.97)	1.298 (32.97)	-	-	.775 (19.68)	.747 (18.97)	.680 (17.27)	.773 (19.63)
3	400-1800 -01	PP3	-	-	-	.046 (1.17)	-	-	-	-	-
4	400-1803 -01	PP3	-	-	-	-	-	-	-	-	-

CARD EJECTORS



Dimensions in inches (mm)

How to order code

415 - 7036 - 01 - 00 - XX

Colour

Basic Part No.

Material Code Table		
Component	Material	RoHS
Ejector	Nylon 6/6	✓

Steel spring pins supplied un-assembled

Colour Code Table	
Dash No.	Colour
-10	Black
-12	Red
-13	Orange
-16	Blue
-20	Natural (White)

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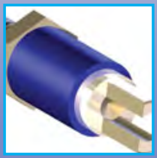


PTFE INSULATED, PRESS MOUNT

PTFE INSULATED, PRESS MOUNT, FEEDTHROUGH

PTFE INSULATED FEEDTHROUGH THREAD MOUNT

CERAMIC INSULATED FEEDTHROUGH THREAD MOUNT

PTFE INSULATED, STAND OFF, THREAD MOUNT

CERAMIC INSULATED, STAND OFF

MOULDED DAP, PIN

MOULDED DAP, SINGLE TURRET

MOULDED DAP, TWIN TURRET

MOULDED DAP, SLOTTED

TURRET

FLARED - SWAGE MOUNT

TURRET THROUGH HOLE

TURRET THREAD MOUNT

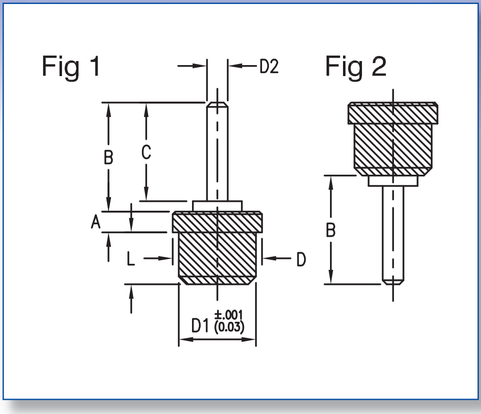
EYELET

SWAGED FEEDTHROUGH

TURRET, FEEDTHROUGH

SLOTTED

section 04



Dimensions in inches (mm)
See page 91 for Mounting Instructions

How to order code

571 - 4XXX - XX - XX - 19

- Basic Part No. (4XXX)
- Terminal Finish (first XX)
- Insulator Colour (19)

Material Code Table

Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

Finish Code Table

Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-05	Electro-Solder	X

Insulation Colour Code Table

Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	Mtg. Hole Diameter	Capacitance (pF)	Flashover VRMS at Sea Level
1	571-4029 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	.040 (1.02)	.136 (3.45)	0.5	3000
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)								0.5	3000
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)								0.5	3000
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)								0.5	3000
	571-4030 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.094 (2.39)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	.040 (1.02)	.136 (3.45)	0.5	4200
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)								0.5	5500
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)								0.5	5500
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)								0.5	5500
	571-4037 -01	.060 (1.52)	.016 (.041) only	.040 (1.02)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	.040 (1.02)	.136 (3.45)	0.5	3000
	571-4043 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.450 (11.43)	.430 (10.92)	.172 (4.37)	.149 (3.78)	.040 (1.02)	.136 (3.45)	0.6	2500
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)								0.6	2500
	571-4133 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.320 (8.13)	.300 (7.62)	.250 (6.35)	.216 (5.49)	.040 (1.02)	.203 (5.16)	0.5	3000
	571-4134 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.450 (11.43)	.430 (10.92)	.250 (6.35)	.216 (5.49)	.040 (1.02)	.203 (5.16)	0.5	3500
	571-4135 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.610 (15.49)	.590 (14.99)	.250 (6.35)	.216 (5.49)	.040 (1.02)	.203 (5.16)	0.5	3000
2	571-4031 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	.040 (1.02)	.136 (3.45)	0.5	3500
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)								0.5	4000
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)								0.5	4000
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)								0.5	6000
	571-4046 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.450 (11.43)	.430 (10.92)	.172 (4.37)	.149 (3.78)	.040 (1.02)	.136 (3.45)	0.5	3000
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)								0.5	3500
	571-4072 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.450 (11.43)	.430 (10.92)	.188 (4.78)	.172 (4.37)	.040 (1.02)	.158 (4.01)	0.5	3500
	571-4073 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.610 (15.49)	.590 (14.99)	.188 (4.78)	.172 (4.37)	.040 (1.02)	.158 (4.01)	0.5	3000
	571-4109 01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.188 (4.78)	.172 (4.37)	.040 (1.02)	.158 (4.01)	0.5	3000
	571-4136 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.320 (8.13)	.300 (7.62)	.250 (6.35)	.216 (5.49)	.040 (1.02)	.203 (5.16)	0.5	3500
	571-4137 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.450 (11.43)	.430 (10.92)	.250 (6.35)	.216 (5.49)	.040 (1.02)	.203 (5.16)	0.5	3000
	571-4138 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.610 (15.49)	.590 (14.99)	.250 (6.35)	.216 (5.49)	.040 (1.02)	.203 (5.16)	0.5	3500

Other colours available, consult factory.

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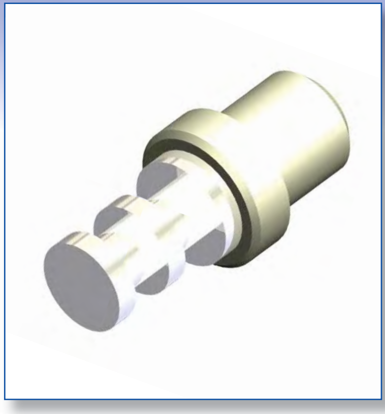
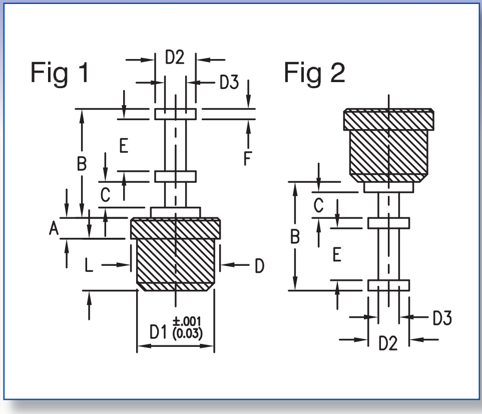




Dimensions in inches (mm)
See page 91 for Mounting Instructions

How to order code

571 - 4XXX - XX - XX - 19

- Basic Part No.
- Terminal Finish
- Insulator Colour

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

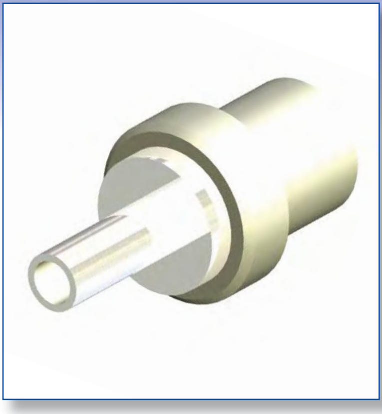
Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-05	Electro-Solder	X

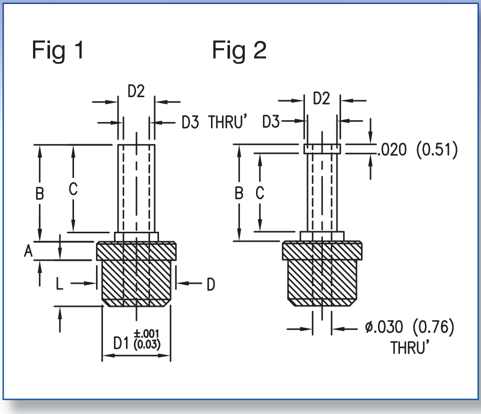
Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	Board Thickness	A	B	C	E	F	D	D1	D2	D3	Mtg. Hole Diameter	Capacitance (pF)	Flashover VRMS at Sea Level
	571-4015 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.140 (3.56)	.040 (1.02)	.040 (1.02)	.020 (0.51)	.125 (3.18)	.094 (2.39)	.080 (2.03)	.050 (1.27)	.083 (2.11)	0.5	3000
	571-4016 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.125 (3.18)	.094 (2.39)	.080 (2.03)	.040 (1.02)	.083 (2.11)	0.6	3000
	571-4025 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.5	3000
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)											0.5	3000
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)											0.5	3000
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)											0.5	3000
	571-4026 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.5	3000
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)											0.5	3000
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)											0.5	3000
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)											0.6	3000
	571-4027 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.094 (2.39)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.5	4200
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)											0.5	4200
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)											0.5	4200
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)											0.5	4200
1	571-4028 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.094 (2.39)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.5	4200
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)											0.5	4200
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)											0.5	4200
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)											0.6	4200
	571-4038 -01	.060 (1.52)	.016 (.041) only	.040 (1.02)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.047 (1.19)	.136 (3.45)	0.5	3000
	571-4051 -01	.110 (2.79)	.031 (0.79) to .071 (1.80)	.043 (1.09)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.6	3000
	571-4140 -01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.125 (3.18)	.146 (3.71)	.038 (0.97)	.048 (1.22)	.020 (0.51)	.188 (4.78)	.165 (4.19)	.094 (2.39)	.045 (1.14)	.152 (3.86)	0.5	5000
	571-4078 -01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.125 (3.18)	.281 (7.14)	.094 (2.39)	.094 (2.39)	.031 (0.79)	.188 (4.78)	.172 (4.37)	.125 (3.18)	.047 (1.19)	.158 (4.01)	0.6	7000
	571-4099 -01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.125 (3.18)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.188 (4.78)	.172 (4.37)	.094 (2.39)	.040 (1.02)	.158 (4.01)	0.6	7000
	571-4100 -01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.188 (4.78)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.188 (4.78)	.172 (4.37)	.094 (2.39)	.040 (1.02)	.158 (4.01)	0.6	9000
	571-4101 -01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.250 (6.35)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.188 (4.78)	.172 (4.37)	.094 (2.39)	.040 (1.02)	.158 (4.01)	0.6	10000
	571-4102 -01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.400 (10.16)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.188 (4.78)	.172 (4.37)	.094 (2.39)	.040 (1.02)	.158 (4.01)	0.6	10000
	571-4116 -01	.188 (4.78)	.031 (0.79) to .148 (3.76)	.500 (12.70)	.281 (7.14)	.094 (2.39)	.094 (2.39)	.031 (0.79)	.250 (6.35)	.216 (5.49)	.125 (3.18)	.047 (1.19)	.203 (5.16)	0.4	12000
	571-4125 -01	.188 (4.78)	.031 (0.79) to .148 (3.76)	.800 (20.32)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.250 (6.35)	.216 (5.49)	.094 (2.39)	.040 (1.02)	.203 (5.16)	0.2	13000
	571-4127 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.250 (6.35)	.216 (5.49)	.080 (2.03)	.040 (1.02)	.203 (5.16)	0.4	3000
	571-4033 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.100 (2.54)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.5	3000
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)											0.5	3500
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)											0.5	4000
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)											0.5	6000
2	571-4034 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.040 (1.02)	.136 (3.45)	0.5	3000
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)											0.5	3500
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)											0.5	4000
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)											0.5	6000
	571-4105 -01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.125 (3.18)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.188 (4.78)	.172 (4.37)	.094 (2.39)	.040 (1.02)	.158 (4.01)	0.6	4000
	571-4111 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.020 (0.51)	.188 (4.78)	.172 (4.37)	.080 (2.03)	.040 (1.02)	.158 (4.01)	0.6	3000

Other colours available, consult factory.

SOLDER TERMINALS - PTFE INSULATED, PRESS MOUNT





Dimensions in inches (mm)
See page 91 for Mounting Instructions

How to order code

571 - 4XXX - XX - XX - 19

Basic Part No. — Terminal Finish — Insulator Colour

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

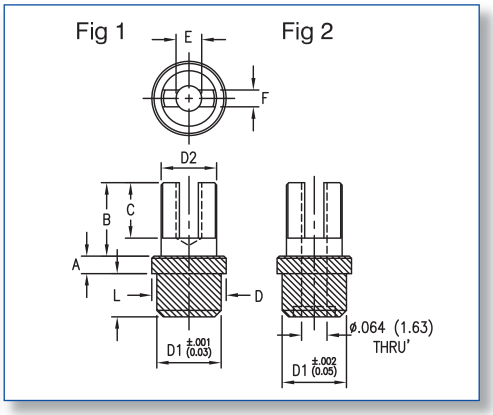
Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-05	Electro-Solder	X

Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	Mtg. Hole Diameter	Capacitance (pF)	Flashover VRMS at Sea Level
1	571-4152 -01	.060 (1.52)	.016 (.041) only	.040 (1.02)	.125 (3.18)	.105 (2.67)	.125 (3.18)	.094 (2.39)	.040 (1.02)	.030 (0.76)	.083 (2.11)	0.5	1500
	-02	.100 (2.54)	.031 (0.79) to .062 (1.57)									0.6	2500
	571-4193 -01	.110 (2.79)	.031 (0.79) to .071 (1.80)	.050 (1.27)	.207 (5.26)	.187 (4.75)	.172 (4.37)	.149 (3.78)	.085 (2.16)	.064 (1.63)	.136 (3.45)	0.7	3000
	571-4240 -01	.110 (2.79)	.031 (0.79) to .071 (1.80)	.050 (1.27)	.207 (5.26)	.187 (4.75)	.218 (5.54)	.172 (4.37)	.040 (1.02)	.030 (0.76)	.158 (4.01)	0.5	3500
2	571-4153 -01	.060 (1.52)	.016 (.041) only	.040 (1.02)	.207 (5.26)	.167 (4.24)	.125 (3.18)	.094 (2.39)	.080 (2.03)	.040 (1.02)	.083 (2.11)	0.5	2000
	-02	.100 (2.54)	.031 (0.79) to .062 (1.57)									0.6	1500

Other colours available, consult factory.

SOLDER TERMINALS - PTFE INSULATED, PRESS MOUNT



Dimensions in inches (mm)
See page 91 for Mounting Instructions

How to order code

571 - 4XXX - 01 - XX - 19

Basic Part No. — Terminal Finish — Insulator Colour

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

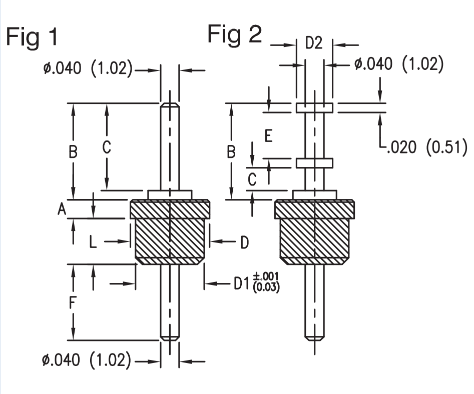
Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-05	Electro-Solder	X

Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	E	F	Mtg. Hole Diameter	Capacitance (pF)	Flashover VRMS at Sea Level
1	571-4093 -01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.400 (10.16)	.203 (5.16)	.161 (4.09)	.188 (4.78)	.172 (4.37)	.148 (3.76)	.046 (1.17)	.030 (0.76)	.158 (4.01)	0.6	10000
	571-4121 -01	.188 (4.78)	.031 (0.79) to .148 (3.76)	.800 (20.32)	.203 (5.16)	.161 (4.09)	.250 (6.35)	.216 (5.49)	.148 (3.76)	.046 (1.17)	.030 (0.76)	.203 (5.16)	0.3	13000
	571-4123 -01	.188 (4.78)	.031 (0.79) to .148 (3.76)	.800 (20.32)	.203 (5.16)	.156 (3.96)	.250 (6.35)	.216 (5.49)	.148 (3.76)	.078 (1.98)	.046 (1.17)	.203 (5.16)	0.3	13000
2	571-4132 -01	.220 (5.59)	.062 (1.57) to .125 (3.18)	.062 (1.57)	.218 (5.54)	.156 (3.96)	.250 (6.35)	.216 (5.49)	.156 (3.96)	-	.040 (1.02)	.203 (5.16)	0.5	2800

Other colours available, consult factory.

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**



Dimensions in inches (mm)

See page 91 for Mounting Instructions

How to order code

571 - 4XXX - XX - XX - 19

Basic Part No. | Terminal Finish | Insulator Colour

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

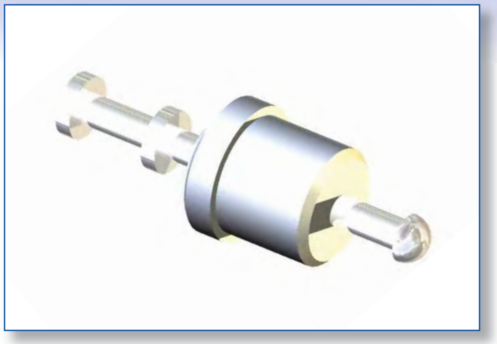
Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

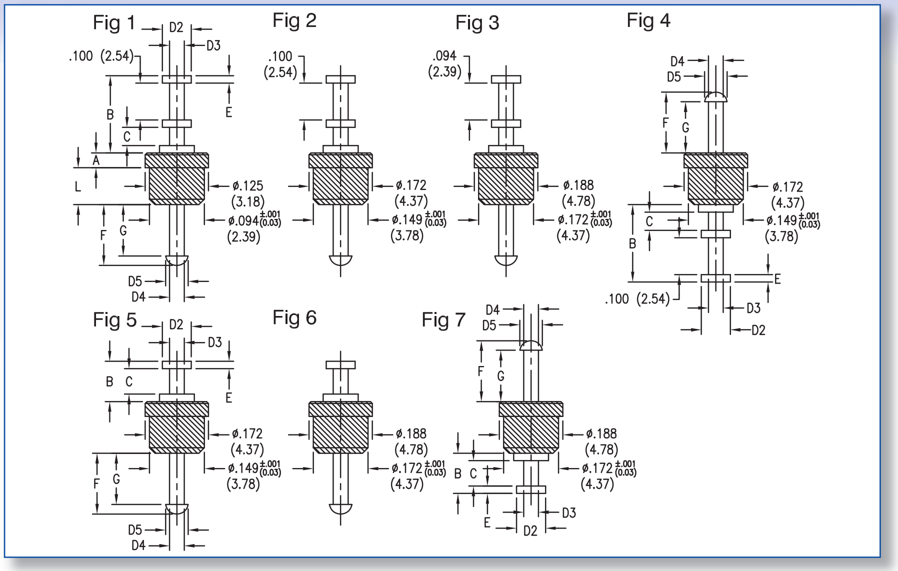
Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	E	F	Mtg. Hole Diameter	Capacitance (pF)	Flashover (VRMS) at Sea Level
1	571-4282 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.125 (3.18)	.094 (2.39)	-	-	.165 (4.19)	.083 (2.11)	0.7	1500
	571-4283 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.125 (3.18)	.105 (2.67)	.125 (3.18)	.094 (2.39)	-	-	.078 (1.98)	.083 (2.11)	0.5	1500
	571-4161 -01	.060 (1.52)	.016 (0.40) only	.040 (1.02)	.210 (5.33)	.190 (4.83)	.150 (3.81)	.126 (3.20)	-	-	.165 (4.19)	.113 (2.87)	0.7	3000
	-02	.100 (2.54)	.031 (0.79) to .062 (1.57)										0.8	3000
	571-4176 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	-	-	.165 (4.19)	.136 (3.45)	0.4	3000
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)										0.4	3000
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)										0.4	3000
	-04	.250 (6.35)	.031 (0.79) to .210 (5.33)										0.4	3000
	571-4177 -01	.100 (2.54)	.031 (0.79) to .062 (1.59)	.093 (2.36)	.210 (5.33)	.190 (4.83)	.172 (4.37)	.149 (3.78)	-	-	.166 (4.22)	.136 (3.45)	0.5	4000
	-02	.125 (3.18)	.031 (0.79) to .085 (2.16)										0.4	4000
	-03	.165 (4.19)	.031 (0.79) to .125 (3.18)										0.4	4000
	571-4188 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.125 (3.18)	.105 (2.67)	.172 (4.37)	.149 (3.78)	-	-	.110 (2.79)	.136 (3.45)	0.7	2500
	571-4281 -01	.150 (3.81)	.031 (0.79) to .110 (2.79)	.125 (3.18)	.200 (5.08)	.180 (4.57)	.188 (4.78)	.165 (4.19)	-	-	.200 (5.08)	.152 (3.86)	0.7	4500
2	571-4155 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.125 (3.18)	.094 (2.39)	.080 (2.03)	.100 (2.54)	.150 (3.81)	.083 (2.11)	0.7	1500
	571-4185 -01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.172 (4.37)	.149 (3.78)	.080 (2.03)	.100 (2.54)	.150 (3.81)	.136 (3.45)	0.7	2500
	571-4197 -01	.230 (5.84)	.031 (0.79) to .190 (4.83)	.125 (3.18)	.250 (6.35)	.096 (2.44)	.172 (4.37)	.149 (3.78)	.093 (2.36)	.094 (2.39)	.231 (5.87)	.136 (3.45)	0.8	4000

Colours available for volume requirements

Dimensions in inches (mm)
See page 91 for Mounting Instructions





How to order code

571 - 4XXX - XX - XX - 19

Basic Part No. — Terminal Finish — Insulator Colour

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.		L	Board Thickness	A	B	C	D2	D3	D4	D5	E	F	G	Mtg. Hole Diameter	Capacitance (pF)	Flashover VRMS at Sea Level
1	571-4154	-01	.060 (1.52)	.016 (0.40) only	.040 (1.02)	.210 (5.33)	.050 (1.27)	.080 (2.03)	.040 (1.02)	.035 (0.89)	.050 (1.27)	.020 (0.51)	.150 (3.81)	.125 (3.18)	.083 (2.11)	0.5	1500
		-02	.100 (2.54)	.031 (0.79) to .062 (1.57)												0.7	1500
2	571-4182	-01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.080 (2.03)	.040 (1.02)	.040 (1.02)	.060 (1.52)	.020 (0.51)	.150 (3.81)	.120 (3.05)	.136 (3.45)	0.4	3000
		-02	.125 (3.18)	.031 (0.79) to .085 (2.16)									.125 (3.18)	.095 (2.41)		0.4	3000
		-03	.165 (4.19)	.031 (0.79) to .125 (3.18)									.085 (2.16)	.055 (1.40)		0.4	3000
3	571-4250	-01	.200 (5.08)	.031 (0.79) to .162 (4.11)	.125 (3.18)	.281 (7.14)	.094 (2.39)	.125 (3.18)	.062 (1.57)	.050 (1.27)	.080 (2.03)	.031 (0.79)	.222 (5.64)	.182 (4.62)	.158 (4.01)	1.0	5500
	571-4241	-01	.212 (5.38)	.031 (0.79) to .172 (4.37)	.188 (4.78)	.250 (6.35)	.096 (2.44)	.094 (2.39)	.050 (1.27)	.050 (1.27)	.065 (1.65)	.020 (0.51)	.186 (4.72)	.154 (3.91)	.158 (4.01)	0.4	6000
4	571-4186	-01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.210 (5.33)	.050 (1.27)	.080 (2.03)	.040 (1.02)	.040 (1.02)	.060 (1.52)	.020 (0.51)	.150 (3.81)	.120 (3.05)	.136 (3.45)	0.4	3000
		-02	.125 (3.18)	.031 (0.79) to .085 (2.16)									.125 (3.18)	.095 (2.41)		0.4	3000
		-03	.165 (4.19)	.031 (0.79) to .125 (3.18)									.194 (4.93)	.164 (4.17)		0.4	3000
5	571-4179	-01	.100 (2.54)	.031 (0.79) to .062 (1.57)	.040 (1.02)	.125 (3.18)	.095 (2.41)	.080 (2.03)	.040 (1.02)	.040 (1.02)	.060 (1.52)	.020 (0.51)	.085 (2.16)	.055 (1.40)	.136 (3.45)	0.4	3000
6	571-4232	-01	.275 (6.99)	.031 (0.79) to .234 (5.94)	.250 (6.35)	.125 (3.18)	.063 (1.60)	.125 (3.18)	.050 (1.27)	.050 (1.27)	.065 (1.65)	.031 (0.79)	.215 (5.46)	.183 (4.65)	.158 (4.01)	0.45	7000
	571-4233	-01	.400 (10.16)	.031 (0.79) to .250 (6.35)	.375 (9.53)	.125 (3.18)	.063 (1.60)	.125 (3.18)	.050 (1.27)	.050 (1.27)	.065 (1.65)	.031 (0.79)	.215 (5.46)	.183 (4.65)	.158 (4.01)	0.45	9000
7	571-4234	-01	.212 (5.38)	.031 (0.79) to .172 (4.37)	.188 (4.78)	.125 (3.18)	.063 (1.60)	.125 (3.18)	.050 (1.27)	.050 (1.27)	.065 (1.65)	.031 (0.79)	.215 (5.46)	.183 (4.65)	.158 (4.01)	0.4	6000
	571-4235	-01	.275 (6.99)	.031 (0.79) to .234 (5.94)	.250 (6.35)	.125 (3.18)	.063 (1.60)	.125 (3.18)	.050 (1.27)	.050 (1.27)	.065 (1.65)	.031 (0.79)	.215 (5.46)	.183 (4.65)	.158 (4.01)	0.5	7000

Other colours available, consult factory.

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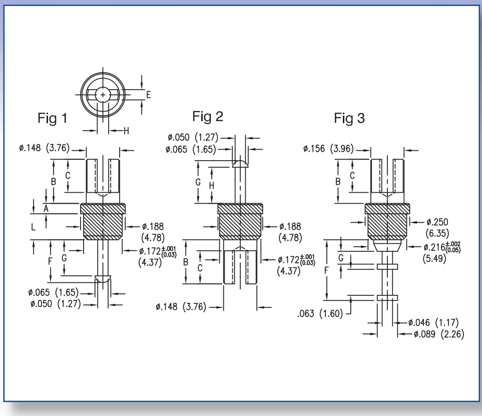


Dimensions in inches (mm)
See page 91 for Mounting Instructions

How to order code

571 - 42XX - 01 - XX - 19

- Basic Part No.
- Terminal Finish
- Insulator Colour

Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Terminal	Brass	✓

Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Insulation Colour Code Table	
Dash No.	Colour
-19	White

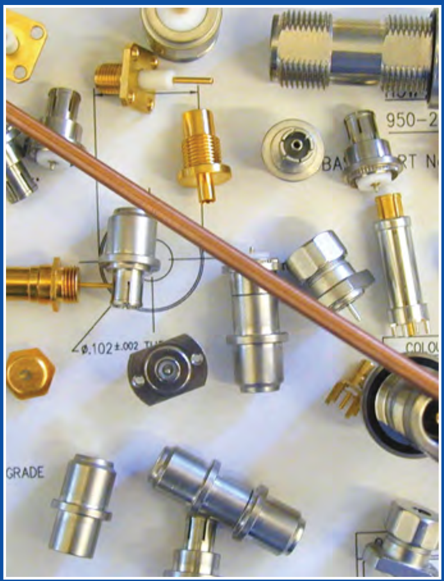
Fig.	Basic Part No.	L	Board Thickness	A	B	C	E	F	G	H	Mtg. Hole Diameter	Capacitance (pF)	Flashover VRMS at Sea Level
1	571-4251 -01	.212 (5.38)	.031 (0.79) to .172 (4.37)	.188 (4.78)	.203 (5.16)	.161 (4.09)	.030 (0.76)	.218 (5.54)	.186 (4.72)	.036 (0.91)	.158 (4.01)	0.4	6000
	571-4253 -01	.400 (10.16)	.031 (0.79) to .250 (6.35)	.375 (9.53)	.203 (5.16)	.161 (4.09)	.030 (0.76)	.219 (5.56)	.187 (4.75)	.036 (0.91)	.158 (4.01)	0.5	9000
2	571-4254 -01	.212 (5.38)	.031 (0.79) to .172 (4.37)	.188 (4.78)	.203 (5.16)	.161 (4.09)	.030 (0.76)	.218 (5.54)	.186 (4.72)	.036 (0.91)	.158 (4.01)	0.4	6000
	571-4256 -01	.400 (10.16)	.031 (0.79) to .250 (6.35)	.375 (9.53)	.203 (5.16)	.161 (4.09)	.030 (0.76)	.219 (5.56)	.187 (4.75)	.036 (0.91)	.158 (4.01)	0.5	9000
	571-4262 -01	.400 (10.16)	.031 (0.79) to .250 (6.35)	.375 (9.53)	.203 (5.16)	.156 (3.96)	.046 (1.17)	.219 (5.56)	.187 (4.75)	.064 (1.63)	.158 (4.01)	0.5	9000
3	571-4267 -01	.215 (5.46)	.062 (1.57) to .125 (3.18)	.062 (1.57)	.218 (5.54)	.156 (3.96)	.040 (1.02)	.236 (5.99)	.093 (2.36)	.050 (1.27)	.203 (5.16)	0.6	4100

Other colours available, consult factory.

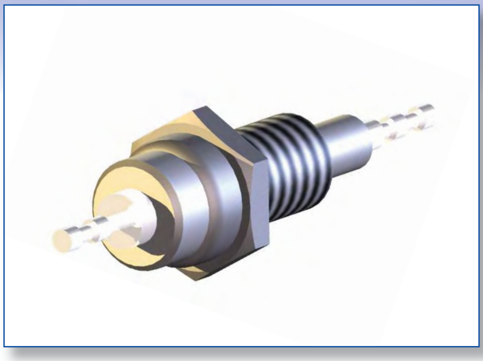
RF Connectors

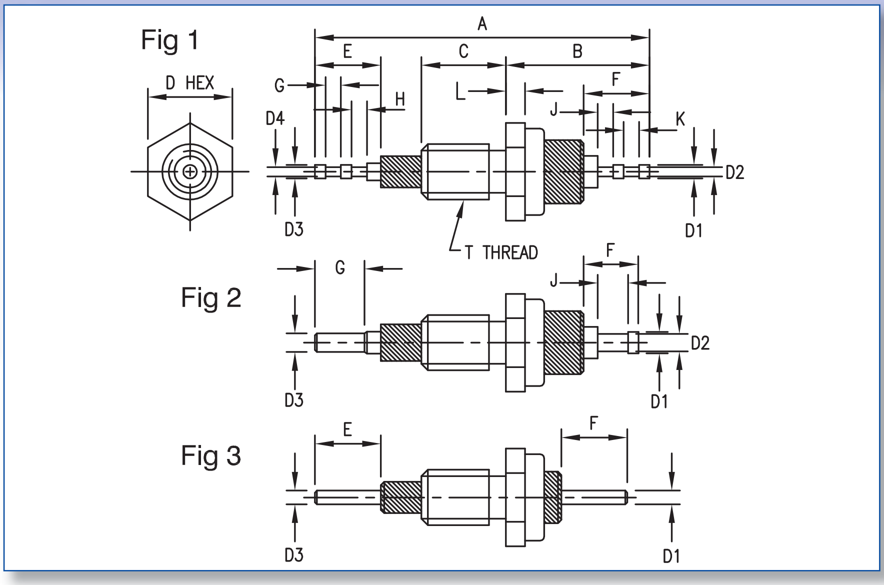
Cambion compliments its vast range of high performance connectors and inductive products, with RF Connectors. Specialising in the manufacture of custom variants of industry standards Cambion offers an unique development facility of precision turning and the prototyping of application specials. Styles include N type. 7/16, SMA, SMB, MCX and many more incorporating blind mates and quick termination, with minimal outlay.

Custom converters and adaptors are available theoretically between any standard range of RF Connectors.



Dimensions in inches (mm)





How to order code

570 - XXXX - XX - XX - 19

- **Basic Part No.**
- **Terminal Finish**
- **Insulator Colour**

Material Code Table

Component	Material	RoHS
Mounting Hex Nut	Brass	✓
Internal Tooth Lockwasher	Phosphor Bronze	✓
Insulator	PTFE	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table

Dash No.	Terminal Finish	Mtg. Stud Finish	Mtg. Hex Nut Finish	Lock Washer Finish	RoHS
-01	Silver	Nickel	Nickel	Nickel	✓
-05	Electro -Solder	Nickel	Nickel	Nickel	X

Insulation Colour Code Table

Dash No.	Colour
-19	White

Fig.	Basic Part No.	A	B Max.	C	D	D1	D2	D3	D4	E	F
1	570-2642 -01	.878 (22.30)	.368 (9.35)	.250 (6.35)	.188 (4.78)	.040 (1.02)	.027 (0.69)	.040 (1.02)	.027 (0.69)	.197 (5.00)	.195 (4.95)
	570-2641 -01	.990 (25.15)	.425 (10.80)	.250 (6.35)	.250 (6.35)	.040 (1.02)	.027 (0.69)	.040 (1.02)	.027 (0.69)	.195 (4.95)	.195 (4.95)
	570-2640 -01	.990 (25.15)	.425 (10.80)	.250 (6.35)	.312 (7.92)	.062 (1.57)	.046 (1.17)	.062 (1.57)	.046 (1.17)	.229 (5.82)	.195 (4.95)
2	570-1502 -01	.690 (17.53)	.296 (7.52)	.225 (5.72)	.250 (6.35)	.082 (2.08)	.062 (1.57)	.062 (1.57)	-	.121 (3.07)	.163 (4.14)
3	570-2643 -01	.590 (14.99)	.262 (6.65)	.200 (5.08)	.156 (3.96)	.029 (0.74)	-	.029 (0.74)	-	.095 (2.41)	.085 (2.16)
	-02	.640 (16.26)		.250 (6.35)							

Fig.	Basic Part No.	G	H	J	K	L	T	IR (VRMS)
1	570-2642 -01	.046 (1.17)	.046 (1.17)	.046 (1.17)	.046 (1.17)	.046 (1.17)	6-32	600
	570-2641 -01	.046 (1.17)	.047 (1.19)	.046 (1.17)	.046 (1.17)	.050 (1.27)	8-32	1500
	570-2640 -01	.046 (1.17)	.046 (1.17)	.046 (1.17)	.046 (1.17)	.050 (1.27)	10-32	1800
2	570-1502 -01	.100 (2.54)	-	.101 (2.57)	-	.040 (1.02)	12-28	2000
3	570-2643 -01	-	-	-	-	.065 (1.65)	4-40	600
	-02							

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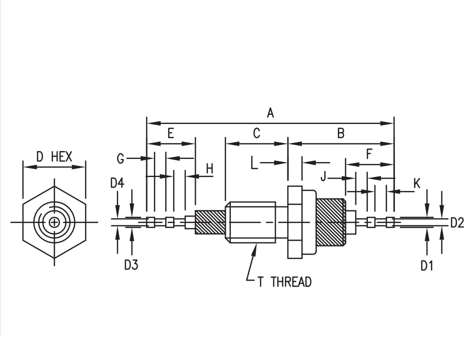
SOLDER TERMINALS - CERAMIC INSULATED, FEEDTHROUGH, THREAD MOUNT



Dimensions in inches (mm)

How to order code

570 - XXXX - 01 - XX - 00

Basic Part No.

Terminal Finish

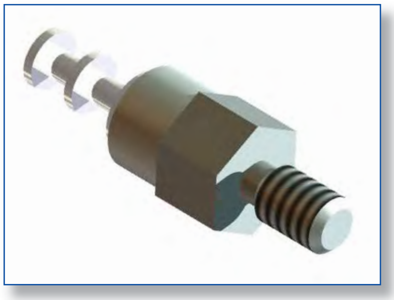
Material Code Table		
Component	Material	RoHS
Mounting Hex Nut	Brass	✓
Internal Tooth Lockwasher	Phosphor Bronze	✓
Insulator	Ceramic	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

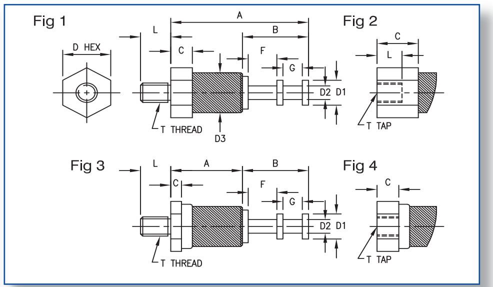
Finish Code Table					
Dash No.	Terminal Finish	Mtg. Stud Finish	Mtg. Hex Nut Finish	Lock Washer Finish	RoHS
-01	Silver	Nickel	Nickel	Nickel	✓
-05	Electro-Solder	Nickel	Nickel	Nickel	X

Basic Part No.	A	B Max.	C	D	D1	D2	D3	D4	E	F
570-2012 -01	1.307 (33.20)	.559 (14.20)	.375 (9.53)	.500 (12.70)	.080 (2.03)	.050 (1.27)	.080 (2.03)	.050 (1.27)	.285 (7.24)	.282 (7.16)
570-1990 -01	.923 (23.44)	.383 (9.73)	.250 (6.35)	.375 (9.53)	.062 (1.57)	.043 (1.09)	.062 (1.57)	.043 (1.09)	.198 (5.03)	.184 (4.67)

Basic Part No.	G	H	J	K	L	T	IR (VRMS)
570-2012 -01	.093 (2.36)	.105 (2.67)	.093 (2.36)	.093 (2.36)	.062 (1.57)	3/8-32	3000
570-1990 -01	.046 (1.17)	.065 (1.65)	.054 (1.37)	.046 (1.17)	.050 (1.27)	1/4-28	2500

SOLDER TERMINALS - PTFE INSULATED, STAND OFF, THREAD MOUNT





Dimensions in inches (mm)

How to order code

570 - XXXX - XX - XX - 19

Basic Part No.

Terminal Finish

Insulator Colour

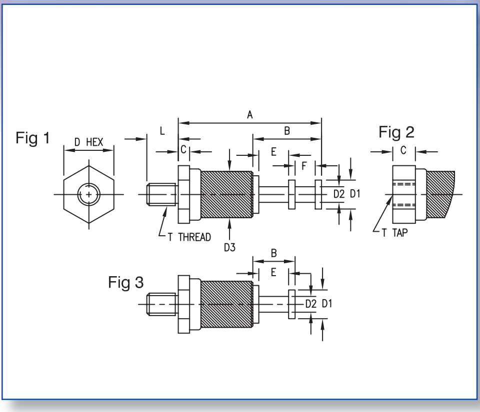
Material Code Table		
Component	Material	RoHS
Insulator	PTFE	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table			
Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder	Cadmium	X
-21	Silver	Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-19	White

Fig.	Basic Part No.	L	A	B	C	D	D1	D2	D3	F	G	T	IR (VRMS)
1	570-1503 -01	.250 (6.35)	.500 (12.70)	.147 (3.73)	.128 (3.25)	.156 (3.96)	.066 (1.68)	.045 (1.14)	.125 (3.18)	.062 (1.57)	.031 (0.79)	4-40	3500
	570-1504 -01	.250 (6.35)	.640 (16.26)	.304 (7.72)	.180 (4.57)	.250 (6.35)	.140 (3.56)	.069 (1.75)	.245 (6.22)	.129 (3.28)	.100 (2.54)	6-32	3300
2	570-1510 -01	.100 (2.54)	.546 (13.87)	.147 (3.73)	.181 (4.60)	.156 (3.96)	.066 (1.68)	.045 (1.14)	.125 (3.18)	.062 (1.57)	.031 (0.79)	4-40	3500
	570-1511 -01	.156 (3.96)	.718 (18.24)	.304 (7.72)	.258 (6.55)	.250 (6.35)	.140 (3.56)	.069 (1.75)	.245 (6.22)	.129 (3.28)	.100 (2.54)	6-32	3300
3	570-1945 -01	.250 (6.35)	.334 (8.48)	.228 (5.79)	.062 (1.57)	.312 (7.92)	.093 (2.36)	.046 (1.17)	.250 (6.35)	.093 (2.36)	.063 (1.60)	6-32	5000
	-02	.375 (9.53)											
4	570-1947 -01	.125 (3.18)	.401 (10.19)	.228 (5.79)	.125 (3.18)	.312 (7.92)	.093 (2.36)	.046 (1.17)	.250 (6.35)	.093 (2.36)	.063 (1.60)	4-40	5000
	-02											6-32	

SOLDER TERMINALS - CERAMIC INSULATED, STAND OFF



Dimensions in inches (mm)

How to order code

570 - XXXX - XX - XX - 00

Basic Part No. **Terminal Finish**

Material Code Table

Component	Material	RoHS
Insulator	Ceramic	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

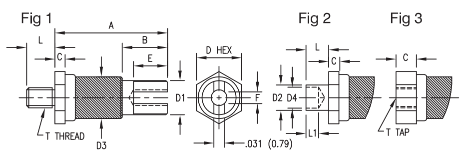
Finish Code Table

Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	**Cadmium	X
-05	Electro-Solder		
-21	Silver	Nickel	✓

Fig.	Basic Part No.	L	A	B	C	D	D1	D2	D3	E	F	T	IR (VRMS)
1	570-2045 -01*	.250 (6.35)	.545 (13.84)	.219 (5.56)	.046 (1.17)	.250 (6.35)	.093 (2.36)	.046 (1.17)	.187 (4.75)	.093 (2.36)	.063 (1.60)	4-40	2500
	-02*	.375 (9.53)											
	570-1942 -01*	.250 (6.35)	.561 (14.25)	.219 (5.56)	.062 (1.57)	.312 (7.92)	.093 (2.36)	.046 (1.17)	.245 (6.22)	.093 (2.36)	.063 (1.60)	6-32	4000
	-02*	.375 (9.53)											
	570-1994 -01**	.250 (6.35)	.706 (17.93)	.359 (9.12)	.062 (1.57)	.312 (7.92)	.142 (3.61)	.065 (1.65)	.245 (6.22)	.151 (3.84)	.099 (2.51)	6-32	4000
	-02**	.375 (9.53)											
2	570-3650 -01	-	.608 (15.44)	.219 (5.56)	.125 (3.18)	.250 (6.35)	.093 (2.36)	.046 (1.17)	.187 (4.75)	.093 (2.36)	.063 (1.60)	4-40	2500
	-02											6-32	
	570-3648 -01	-	.608 (15.44)	.219 (5.56)	.125 (3.18)	.312 (7.92)	.093 (2.36)	.046 (1.17)	.245 (6.22)	.093 (2.36)	.063 (1.60)	4-40	4000
	-02											6-32	
3	570-1980 -01	.093 (2.36)	.383 (9.73)	.156 (3.96)	.040 (1.02)	.188 (4.78)	.094 (2.39)	.046 (1.17)	.142 (3.61)	.109 (2.77)	-	3-48	2500
	-02	.125 (3.18)											
	-03	.156 (3.96)											
	-04	.188 (4.78)											
	-05	.250 (6.35)											
	570-1983 -02	.125 (3.18)	.446 (11.33)	.156 (3.96)	.040 (1.02)	.188 (4.78)	.094 (2.39)	.046 (1.17)	.142 (3.61)	.109 (2.77)	-	3-48	4000
	-03	.156 (3.96)											
	-04	.188 (4.78)											
	570-1992 -02	.125 (3.18)	.508 (12.90)	.156 (3.96)	.040 (1.02)	.188 (4.78)	.094 (2.39)	.046 (1.17)	.142 (3.61)	.109 (2.77)	-	3-48	5000
	-03	.156 (3.96)											
	-04	.188 (4.78)											
	570-1995 -01**	.250 (6.35)	.588 (14.94)	.235 (5.97)	.062 (1.57)	.312 (7.92)	.142 (3.61)	.065 (1.65)	.245 (6.22)	.157 (3.99)	-	6-32	4000
	-02**	.375 (9.53)											

*Supplied with unassembled nut & lock washer

**570-1994 & 570-1995 - Nickel plated mtg. stud: -01 Finish - RoHS Compliant -05 Finish - Not RoHS Compliant. (-21 finish not available)



Dimensions in inches (mm)

See page 94 for recommended Anvil and Punch

How to order code

570 - 2XXX - XX - XX - 00

Basic Part No. — **Terminal Finish**

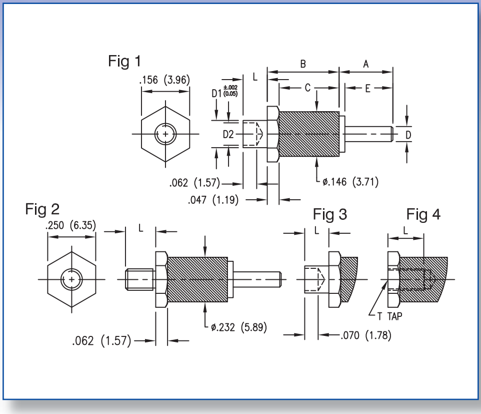
Material Code Table

Component	Material	RoHS
Insulator	Ceramic	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table

Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder		
-21	Silver	Nickel	✓

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	F	L1	T	IR (VRMS)
1	570-2430 -01	.250 (6.35)	-	.522 (13.26)	.192 (4.88)	.046 (1.17)	.250 (6.35)	.141 (3.58)	-	.187 (4.75)	-	.130 (3.30)	.046 (1.17)	-	4-40	2500
	-02	.375 (9.53)														
	570-2382 -01	.250 (6.35)	-	.561 (14.25)	.218 (5.54)	.062 (1.57)	.312 (7.92)	.156 (3.96)	-	.245 (6.22)	-	.156 (3.96)	.040 (1.02)	-	6-32	4000
	-02	.375 (9.53)														
2	570-2431 -01	.062 (1.57)	.031 (0.79)	.522 (13.26)	.192 (4.88)	.046 (1.17)	.250 (6.35)	.141 (3.58)	.141 (3.58)	.187 (4.75)	.116 (2.95)	.130 (3.30)	.046 (1.17)	.062 (1.57)	-	2500
	-02	.094 (2.39)	.062 (1.57)											.062 (1.57)		
	-03	.105 (2.67)	.078 (1.98)											.093 (2.36)		
	-04	.125 (3.18)	.094 (2.39)											.109 (2.77)		
	-05	.156 (3.96)	.125 (3.18)											.109 (2.77)		
	570-2383 -01	.062 (1.57)	.031 (0.79)	.561 (14.25)	.218 (5.54)	.062 (1.57)	.312 (7.92)	.156 (3.96)	.187 (4.75)	.245 (6.22)	.154 (3.91)	.156 (3.96)	.040 (1.02)	.062 (1.57)	-	4000
	-02	.094 (2.39)	.062 (1.57)											.062 (1.57)		
	-03	.105 (2.67)	.078 (1.98)											.093 (2.36)		
	-04	.125 (3.18)	.094 (2.39)											.109 (2.77)		
	-05	.156 (3.96)	.125 (3.18)											.109 (2.77)		
3	570-2432 -01	-	-	.601 (15.27)	.192 (4.88)	.125 (3.18)	.250 (6.35)	.141 (3.58)	-	.187 (4.75)	-	.130 (3.30)	.046 (1.17)	-	4-40	2500
	-02														6-32	
	570-2384 -01	-	-	.624 (15.85)	.218 (5.54)	.062 (1.57)	.312 (7.92)	.156 (3.96)	-	.245 (6.22)	-	.156 (3.96)	.040 (1.02)	-	4-40	4000
	-02														6-32	



Dimensions in inches (mm)
See page 94 for recommended Anvil and Punch

How to order code

572 - 48XX - XX - XX - 16

- Basic Part No.
- Terminal Finish
- Insulator Colour

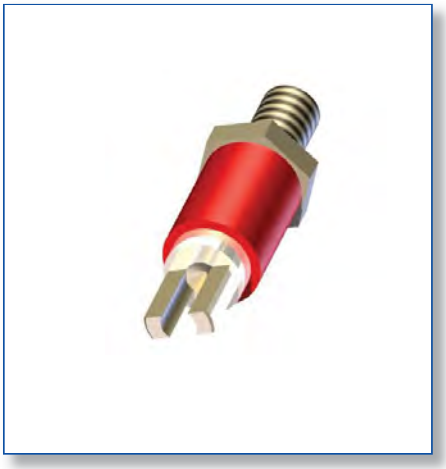
Material Code Table		
Component	Material	RoHS
Insulator	Diallyl	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table			
Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder	Cadmium	X
-21	Silver	Nickel	✓

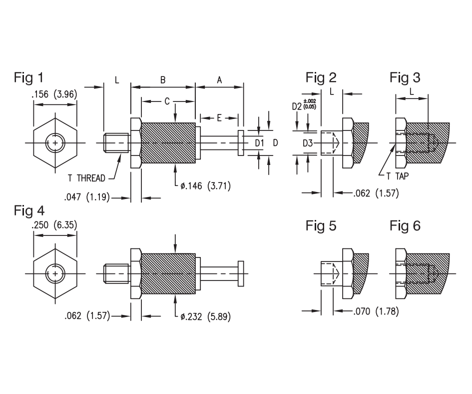
Insulation Colour Code Table	
Dash No.	Colour
-16	Blue

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	E	T	IR (RMS)
1	572-4892 -01	.094 (2.39)	.062 (1.57)	.188 (4.78)	.391 (9.93)	.344 (8.74)	.060 (1.52)	.078 (1.98)	.067 (1.70)	.168 (4.27)	-	3000
	-02	.125 (3.18)	.094 (2.39)									
2	572-4846 -01	.219 (5.56)	-	.290 (7.37)	.375 (9.53)	.313 (7.95)	.070 (1.78)	-	-	.250 (6.35)	4-40	6000
	572-4852 -01	.219 (5.56)	-	.290 (7.37)	.593 (15.06)	.531 (13.49)	.070 (1.78)	-	-	.250 (6.35)	4-40	6000
3	572-4848 -01	.094 (2.39)	.062 (1.57)	.290 (7.37)	.375 (9.53)	.313 (7.95)	.070 (1.78)	.098 (2.49)	.064 (1.63)	.250 (6.35)	-	6000
	-02	.125 (3.18)	.094 (2.39)									
	-03	.156 (3.96)	.125 (3.18)									
	-04	.234 (5.94)	.188 (4.78)									
4	572-4850 -01	.156 (3.96)	-	.290 (7.37)	.375 (9.53)	.313 (7.95)	.070 (1.78)	-	-	.250 (6.35)	4-40	6000
	572-4851 -01	.156 (3.96)	-	.290 (7.37)	.375 (9.53)	.313 (7.95)	.070 (1.78)	-	-	.250 (6.35)	6-32	6000

Colours available for volume requirements



Call our dedicated order line on +44 (0) 1433 621555 or visit www.cambion.com



Dimensions in inches (mm)
See page 94 for recommended Anvil and Punch

How to order code

572 - 4XXX - XX - XX - 16

- Basic Part No.
- Terminal Finish
- Insulator Colour

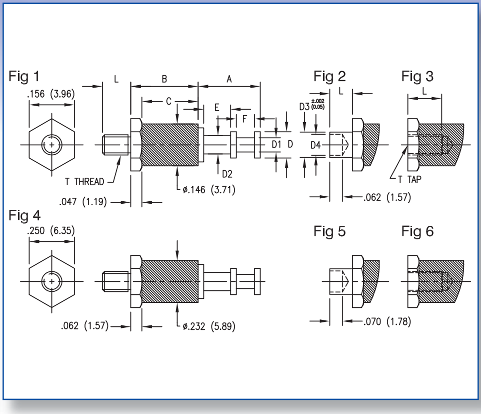
Material Code Table		
Component	Material	RoHS
Insulator	Diallyl	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table			
Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder	Cadmium	X
-21	Silver	Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-16	Blue

Fig.	Basic Part No.		L	Board Thickness	A	B	C	D	D1	D2	D3	E	T	IR (RMS)
1	572-4870	-01	.125 (3.18)	-	.156 (3.96)	.235 (5.97)	.188 (4.78)	.072 (1.83)	.047 (1.19)	-	-	.116 (2.95)	2-56	3000
		-02	.188 (4.78)											
		-03	.250 (6.35)											
	572-4876	-01	.125 (3.18)	-	.219 (5.56)	.235 (5.97)	.188 (4.78)	.072 (1.83)	.047 (1.19)	-	-	.179 (4.55)	2-56	3000
		-02	.188 (4.78)											
		-03	.250 (6.35)											
	572-4894	-01*	.218 (5.54)	-	.156 (3.96)	.219 (5.56)	.172 (4.37)	.093 (2.36)	.055 (1.40)	-	-	.116 (2.95)	2-56	3000
	572-4895	-01*	.218 (5.54)	-	.156 (3.96)	.376 (9.55)	.329 (8.36)	.093 (2.36)	.055 (1.40)	-	-	.116 (2.95)	2-56	6000
	572-4900	-01	.118 (3.00)	-	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	-	-	.116 (2.95)	M2 x 0.4	3000
		-02	.197 (5.00)											
	572-4903	-01	.118 (3.00)	-	.219 (5.56)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	-	-	.179 (4.55)	M2 x 0.4	3000
		-02	.197 (5.00)											
2	572-4877	-01	.094 (2.39)	.062 (1.57)	.219 (5.56)	.235 (5.97)	.188 (4.78)	.072 (1.83)	.047 (1.19)	.078 (1.98)	.067 (1.70)	.179 (4.55)		3000
		-02	.125 (3.18)	.094 (2.39)										
	572-4901	-02	.094 (2.39)	.062 (1.57)	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	.078 (1.98)	.067 (1.70)	.116 (2.95)	-	3000
		-03	.125 (3.18)	.094 (2.39)										
	572-4904	-02	.094 (2.39)	.062 (1.57)	.219 (5.56)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	.078 (1.98)	.067 (1.70)	.179 (4.55)	-	3000
		-03	.125 (3.18)	.094 (2.39)										
3	572-4872	-01	.078 (1.98)	-	.156 (3.96)	.235 (5.97)	.188 (4.78)	.072 (1.83)	.047 (1.19)	-	-	.116 (2.95)	2-56	3000
	572-4875	-01	.117 (2.97)	-	.156 (3.96)	.391 (9.93)	.344 (8.74)	.072 (1.83)	.047 (1.19)	-	-	.116 (2.95)	2-56	3000
	572-4878	-01	.078 (1.98)	-	.219 (5.56)	.235 (5.97)	.188 (4.78)	.072 (1.83)	.047 (1.19)	-	-	.179 (4.55)	2-56	3000
	572-4881	-01	.117 (2.97)	-	.219 (5.56)	.391 (9.93)	.344 (8.74)	.072 (1.83)	.047 (1.19)	-	-	.179 (4.55)	2-56	3000
	572-4902	-01	.079 (2.00)	-	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	-	-	.116 (2.95)	M2 x 0.4	3000
	572-4905	-01	.079 (2.00)	-	.219 (5.56)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	-	-	.179 (4.55)	M2 x 0.4	3000
4	572-4834	-01	.219 (5.56)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	-	-	.147 (3.73)	4-40	6000
	572-4835	-01	.219 (5.56)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	-	-	.147 (3.73)	6-32	6000
		-02	.250 (6.35)											
		-03	.375 (9.53)											
5	572-4842	-01	.094 (2.39)	.062 (1.57)	.219 (5.56)	.594 (15.09)	.531 (13.49)	.140 (3.56)	.062 (1.57)	.098 (2.49)	.064 (1.63)	.147 (3.73)	-	6000
		-02	.125 (3.18)	.094 (2.39)										
		-03	.156 (3.96)	.125 (3.18)										
		-04	.234 (5.94)	.188 (4.78)										
	572-4843	-01	.094 (2.39)	.062 (1.57)	.219 (5.56)	.594 (15.09)	.531 (13.49)	.140 (3.56)	.062 (1.57)	.141 (3.58)	.116 (2.95)	.147 (3.73)	-	6000
		-02	.125 (3.18)	.094 (2.39)										
		-03	.156 (3.96)	.125 (3.18)										
		-04	.234 (5.94)	.188 (4.78)										
6	572-4838	-01	.156 (3.96)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	-	-	.147 (3.73)	4-40	6000
	572-4839	-01	.156 (3.96)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	-	-	.147 (3.73)	6-32	6000
	572-4844	-01	.219 (5.56)	-	.219 (5.56)	.594 (15.09)	.531 (13.49)	.140 (3.56)	.062 (1.57)	-	-	.147 (3.73)	4-40	6000

*Supplied with unassembled nut & lock washer



Dimensions in inches (mm)
See page 94 for recommended Anvil and Punch

How to order code

572 - 4XXX - XX - XX - 16

Basic Part No. – Terminal Finish – Insulator Colour

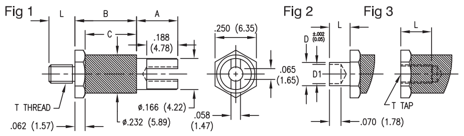
Material Code Table		
Component	Material	RoHS
Insulator	Diallyl	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table			
Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder	Cadmium	X
-21	Silver	Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-16	Blue

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	F	T	IR (RMS)
1	572-4882 -01	.125 (3.18)	-	.156 (3.96)	.234 (5.94)	.188 (4.78)	.072 (1.83)	.047 (1.19)	.047 (1.19)	-	-	.048 (1.22)	.048 (1.22)	2-56	3000
	-02	.188 (4.78)													
	-03	.250 (6.35)													
	572-4906 -01	.118 (3.00)	-	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	.047 (1.19)	-	-	.048 (1.22)	.048 (1.22)	M2 x 0.4	3000
	-02	.197 (5.00)													
2	572-4883 -01	.094 (2.39)	.062 (1.57)	.156 (3.96)	.234 (5.94)	.188 (4.78)	.072 (1.83)	.047 (1.19)	.047 (1.19)	.078 (1.98)	.067 (1.70)	.048 (1.22)	.048 (1.22)	-	3000
	572-4886 -01	.094 (2.39)	.062 (1.57)	.156 (3.96)	.391 (9.93)	.344 (8.74)	.072 (1.83)	.047 (1.19)	.047 (1.19)	.078 (1.98)	.067 (1.70)	.048 (1.22)	.048 (1.22)	-	3000
	-02	.125 (3.18)	.094 (2.39)												
	572-4907 -02	.094 (2.39)	.062 (1.57)	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	.047 (1.19)	.078 (1.98)	.067 (1.70)	.048 (1.22)	.048 (1.22)	-	3000
	-03	.125 (3.18)	.094 (2.39)												
3	572-4884 -01	.078 (1.98)	-	.156 (3.96)	.234 (5.94)	.188 (4.78)	.072 (1.83)	.047 (1.19)	.047 (1.19)	-	-	.048 (1.22)	.048 (1.22)	2-56	3000
	572-4887 -01	.117 (2.97)	-	.156 (3.96)	.391 (9.93)	.344 (8.74)	.072 (1.83)	.047 (1.19)	.047 (1.19)	-	-	.048 (1.22)	.048 (1.22)	2-56	3000
	572-4908 -01	.079 (2.00)	-	.156 (3.96)	.238 (6.04)	.191 (4.85)	.072 (1.83)	.047 (1.19)	.047 (1.19)	-	-	.048 (1.22)	.048 (1.22)	M2 x 0.4	3000
4	572-4810 -01	.219 (5.56)	-	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	4-40	6000
	572-4811 -01	.219 (5.56)	-	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	6-32	6000
	-02	.250 (6.35)													
	-03	.375 (9.53)													
	572-4816 -01	.219 (5.56)	-	.344 (8.74)	.594 (15.09)	.531 (13.49)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	4-40	6000
	572-4822 -01	.219 (5.56)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	-	-	.093 (2.36)	.063 (1.60)	4-40	6000
	572-4823 -01	.219 (5.56)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	-	-	.093 (2.36)	.063 (1.60)	6-32	6000
	-02	.250 (6.35)													
	-03	.375 (9.53)													
5	572-4812 -01	.094 (2.39)	.062 (1.57)	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	.098 (2.49)	.064 (1.63)	.148 (3.76)	.094 (2.39)	-	6000
	-02	.125 (3.18)	.094 (2.39)												
	-03	.156 (3.96)	.125 (3.18)												
	-04	.234 (5.94)	.188 (4.78)												
	572-4813 -01	.094 (2.39)	.062 (1.57)	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	.141 (3.58)	.116 (2.95)	.148 (3.76)	.094 (2.39)	-	6000
	-02	.125 (3.18)	.094 (2.39)												
	-03	.156 (3.96)	.125 (3.18)												
	-04	.234 (5.94)	.188 (4.78)												
	572-4825 -01	.094 (2.39)	.062 (1.57)	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	.141 (3.58)	.116 (2.95)	.093 (2.36)	.063 (1.60)	-	6000
	-02	.125 (3.18)	.094 (2.39)												
	-03	.156 (3.96)	.125 (3.18)												
	-04	.234 (5.94)	.188 (4.78)												
6	572-4814 -01	.156 (3.96)	-	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	4-40	6000
	572-4815 -01	.156 (3.96)	-	.344 (8.74)	.375 (9.53)	.312 (7.92)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	6-32	6000
	572-4820 -01	.219 (5.56)	-	.344 (8.74)	.594 (15.09)	.531 (13.49)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	4-40	6000
	572-4821 -01	.219 (5.56)	-	.344 (8.74)	.594 (15.09)	.531 (13.49)	.140 (3.56)	.062 (1.57)	.078 (1.98)	-	-	.148 (3.76)	.094 (2.39)	6-32	6000
	572-4826 -01	.156 (3.96)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	-	-	.093 (2.36)	.063 (1.60)	4-40	6000
	572-4827 -01	.156 (3.96)	-	.219 (5.56)	.375 (9.53)	.312 (7.92)	.093 (2.36)	.047 (1.19)	.047 (1.19)	-	-	.093 (2.36)	.063 (1.60)	6-32	6000
	572-4833 -01	.219 (5.56)	-	.219 (5.56)	.594 (15.09)	.531 (13.49)	.093 (2.36)	.047 (1.19)	.047 (1.19)	-	-	.093 (2.36)	.063 (1.60)	6-32	6000

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**



Dimensions in inches (mm)
See page 94 for recommended Anvil and Punch

How to order code

572 - 48XX - XX - XX - 16

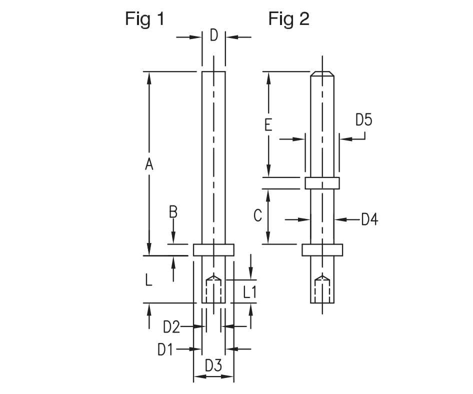
- Basic Part No.
- Terminal Finish
- Insulator Colour

Material Code Table		
Component	Material	RoHS
Insulator	Diallyl	✓
Mounting Stud	Brass	✓
Terminal	Brass	✓

Finish Code Table			
Dash No.	Terminal Finish	Mtg. Stud Finish	RoHS
-01	Silver	Cadmium	X
-05	Electro-Solder	Cadmium	X
-21	Silver	Nickel	✓

Insulation Colour Code Table	
Dash No.	Colour
-16	Blue

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	T	IR (RMS)
1	572-4858 -01	.219 (5.56)	-	.250 (6.35)	.375 (9.53)	.312 (7.92)	-	-	4-40	6000
	572-4859 -01	.219 (5.56)	-	.250 (6.35)	.375 (9.53)	.312 (7.92)	-	-	6-32	6000
	-02	.250 (6.35)								
	-03	.375 (9.53)								
	572-4864 -01	.219 (5.56)	-	.250 (6.35)	.594 (15.09)	.531 (13.49)	-	-	4-40	6000
2	572-4860 -01	.094 (2.39)	.062 (1.57)	.250 (6.35)	.375 (9.53)	.312 (7.92)	.098 (2.49)	.064 (1.63)	-	6000
	-02	.125 (3.18)	.094 (2.39)							
	-03	.156 (3.96)	.125 (3.18)							
	-04	.234 (5.94)	.188 (4.78)							
	572-4861 -01	.094 (2.39)	.062 (1.57)	.250 (6.35)	.375 (9.53)	.312 (7.92)	.141 (3.58)	.116 (2.95)	-	6000
	-02	.125 (3.18)	.094 (2.39)							
	-03	.156 (3.96)	.125 (3.18)							
	-04	.234 (5.94)	.188 (4.78)							
3	572-4862 -01	.156 (3.96)	-	.250 (6.35)	.375 (9.53)	.312 (7.92)	-	-	4-40	6000
	572-4863 -01	.156 (3.96)	-	.250 (6.35)	.375 (9.53)	.312 (7.92)	-	-	6-32	6000
	572-4868 -01	.219 (5.56)	-	.250 (6.35)	.594 (15.09)	.531 (13.49)	-	-	4-40	6000
	572-4869 -01	.219 (5.56)	-	.250 (6.35)	.594 (15.09)	.531 (13.49)	-	-	6-32	6000



Dimensions in inches (mm)
See page 92/93 for recommended Anvil and Punch

How to order code

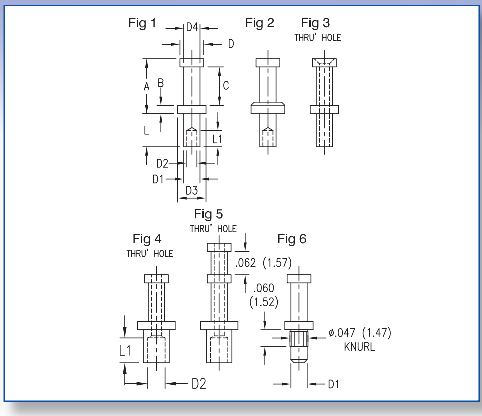
1XX - XXXX - XX - XX - 00

Basic Part No. **Finish**

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	D5	E	L1	Mtg. Hole Diameter
	120-5212 -02	.075 (1.90)	.040 (1.02)	.224 (5.70)	.015 (0.38)	-	.020 (0.51)	.020 (0.51)	-	.039 (1.00)	-	-	-	-	.023 (0.58)
	120-1132 -01	.063 (1.60)	.031 (0.79)	.250 (6.35)	.031 (0.79)	-	.050 (1.27)	.060 (1.52)	.040 (1.02)	.094 (2.39)	-	-	-	.063 (1.60)	.064 (1.63)
	-02	.094 (2.39)	.062 (1.57)											.071 (1.80)	
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
	120-1133 -01	.063 (1.60)	.031 (0.79)	.313 (7.95)	.031 (0.79)	-	.050 (1.27)	.060 (1.52)	.040 (1.02)	.094 (2.39)	-	-	-	.063 (1.60)	.064 (1.63)
	-02	.094 (2.39)	.062 (1.57)											.071 (1.80)	
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
	120-1134 -01	.063 (1.60)	.031 (0.79)	.375 (9.53)	.031 (0.79)	-	.050 (1.27)	.060 (1.52)	.040 (1.02)	.094 (2.39)	-	-	-	.063 (1.60)	.064 (1.63)
1	-02	.094 (2.39)	.062 (1.57)											.071 (1.80)	
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
	-05	.219 (5.56)	.188 (4.78)												
	-06	.281 (7.14)	.250 (6.35)												
	180-2750 -01	.062 (1.57)	.031 (0.79)	.156 (3.96)	.020 (0.51)	-	.060 (1.52)	.060 (1.52)	.042 (1.07)	.125 (3.18)	-	-	-	.040 (1.02)	.064 (1.63)
	-02	.094 (2.39)	.062 (1.57)												
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
	120-1372 -02	.084 (2.13)	.062 (1.57)	.250 (6.35)	.020 (0.51)	-	.030 (0.76)	.062 (1.57)	.043 (1.09)	.094 (2.39)	-	-	-	.045 (1.14)	.067 (1.70)
	120-1366 -02	.094 (2.39)	.062 (1.57)	.250 (6.35)	.021 (0.53)	-	.040 (1.02)	.090 (2.29)	.063 (1.60)	.125 (3.18)	-	-	-	.068 (1.73)	.093 (2.37)
	-03	.125 (3.18)	.094 (2.39)												
	120-1011 -01	.078 (1.98)	.031 (0.79)	.290 (7.37)	.032 (0.81)	.125 (3.18)	.053 (1.35)	.090 (2.29)	.064 (1.63)	.125 (3.18)	.063 (1.60)	.093 (2.36)	.113 (2.87)	.063 (1.60)	.093 (2.37)
	-02	.109 (2.77)	.062 (1.57)												
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												
	120-1012 -01	.078 (1.98)	.031 (0.79)	.427 (10.85)	.032 (0.81)	.125 (3.18)	.053 (1.35)	.090 (2.29)	.064 (1.63)	.125 (3.18)	.063 (1.60)	.093 (2.36)	.250 (6.35)	.083 (2.11)	.093 (2.37)
	-02	.109 (2.77)	.062 (1.57)												
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												
2	120-1013 -01	.078 (1.98)	.031 (0.79)	.343 (8.71)	.032 (0.81)	.136 (3.45)	.053 (1.35)	.090 (2.29)	.064 (1.63)	.156 (3.96)	.063 (1.60)	.109 (2.77)	.153 (3.89)	.063 (1.60)	.093 (2.37)
	-02	.109 (2.77)	.062 (1.57)												
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												
	120-1014 -01	.078 (1.98)	.031 (0.79)	.471 (11.96)	.032 (0.81)	.136 (3.45)	.053 (1.35)	.090 (2.29)	.064 (1.63)	.156 (3.96)	.063 (1.60)	.109 (2.77)	.281 (7.14)	.064 (1.63)	.093 (2.37)
	-02	.109 (2.77)	.062 (1.57)												
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												



Dimensions in inches (mm)
See page 92/93 for recommended Anvil and Punch

How to order code

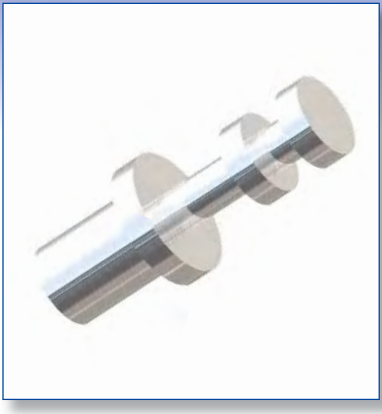
160 - XXXX - XX - XX - 00

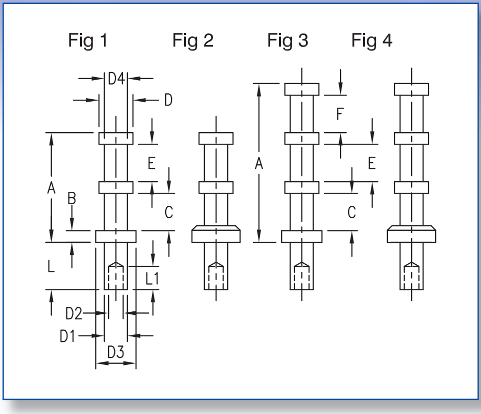
Basic Part No. — Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	L1	Mtg. Hole Diameter
1	160-2085 -11	.035 (0.89)	.016 (0.40)	.094 (2.39)	.018 (0.46)	.063 (1.60)	.040 (1.02)	.047 (1.19)	.028 (0.71)	.062 (1.57)	.027 (0.69)	.032 (0.81)	.052 (1.32)
	-01	.051 (1.30)	.031 (0.79)										
	-02	.082 (2.08)	.062 (1.57)										
	-03	.113 (2.87)	.094 (2.39)										
	-04	.145 (3.68)	.125 (3.18)										
	160-1604 -11	.025 (0.64)	.016 (0.40)	.093 (2.36)	.025 (0.64)	.045 (1.14)	.062 (1.57)	.062 (1.57)	.046 (1.17)	.094 (2.39)	.045 (1.14)	.020 (0.51)	.067 (1.70)
	-01	.045 (1.14)	.031 (0.79)									.040 (1.02)	
	-02	.094 (2.39)	.062 (1.57)									.089 (2.26)	
	-03	.125 (3.18)	.094 (2.39)										
2	160-1457 -01	.078 (1.98)	.031 (0.79)	.187 (4.75)	.047 (1.19)	.115 (2.92)	.075 (1.91)	.078 (1.98)	.055 (1.40)	.125 (3.18)	.040 (1.02)	.068 (1.73)	.082 (2.08)
	-02	.109 (2.77)	.062 (1.57)									.098 (2.49)	
	-03	.141 (3.58)	.094 (2.39)										
	-04	.172 (4.37)	.125 (3.18)										
	160-1245 -01	.078 (1.98)	.031 (0.79)	.234 (5.94)	.047 (1.19)	.156 (3.96)	.145 (3.68)	.112 (2.84)	.076 (1.93)	.188 (4.78)	.065 (1.65)	.068 (1.73)	.116 (2.95)
	-02	.109 (2.77)	.062 (1.57)									.098 (2.49)	
	-03	.141 (3.58)	.094 (2.39)										
	-04	.172 (4.37)	.125 (3.18)										
3	160-1512 -02	.084 (2.13)	.062 (1.57)	.156 (3.96)	.040 (1.02)	.091 (2.31)	.093 (2.36)	.062 (1.57)	.043 (1.09)	.125 (3.18)	.062 (1.57)	-	.067 (1.70)
	-03	.115 (2.92)	.094 (2.39)										
	-04	.147 (3.73)	.125 (3.18)										
	160-2027 -01	.063 (1.60)	.031 (0.79)	.187 (4.75)	.035 (0.89)	.125 (3.18)	.096 (2.44)	.071 (1.80)	.043 (1.09)	.125 (3.18)	.071 (1.80)	-	.076 (1.93)
	-02	.094 (2.39)	.062 (1.57)										
	-03	.125 (3.18)	.094 (2.39)										
	-04	.156 (3.96)	.125 (3.18)										
	160-1797 -01	.078 (1.98)	.031 (0.79)	.188 (4.78)	.047 (1.19)	.109 (2.77)	.138 (3.51)	.110 (2.79)	.067 (1.70)	.188 (4.78)	.110 (2.79)	-	.113 (2.87)
	-02	.109 (2.77)	.062 (1.57)										
	-03	.141 (3.58)	.094 (2.39)										
	-04	.172 (4.37)	.125 (3.18)										
4	160-2100 -11	.025 (0.64)	.016 (0.40)	.093 (2.36)	.025 (0.64)	.045 (1.14)	.062 (1.57)	.062 (1.57)	.046 (1.17)	.094 (2.39)	.045 (1.14)	.020 (0.51)	.067 (1.70)
	-01	.045 (1.14)	.031 (0.79)									.040 (1.02)	
	-02	.094 (2.39)	.062 (1.57)									.089 (2.26)	
	-03	.125 (3.18)	.094 (2.39)										
5	160-1798 -02	.109 (2.77)	.062 (1.57)	.312 (7.92)	.031 (0.79)	.157 (3.99)	.110 (2.79)	.135 (3.43)	.107 (2.72)	.188 (4.78)	.088 (2.24)	.098 (2.49)	.141 (3.57)
	-03	.141 (3.58)	.094 (2.39)										
	-04	.172 (4.37)	.125 (3.18)										
6	160-3747 -01	.130 (3.30)	.062 (1.57)	.135 (3.43)	.035 (0.89)	.080 (2.03)	.053 (1.35)	.053 (1.36)	-	.063 (1.60)	.038 (0.97)	-	.055 (1.40)





Dimensions in inches (mm)
See page 92/93 for recommended Anvil and Punch

How to order code

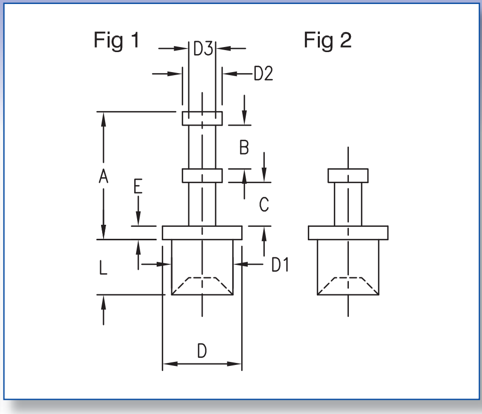
160 - XXXX - XX - XX - 00

Basic Part No. — Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	F	L1	Mtg. Hole Diameter
1	160-3653 -11	.037 (0.94)	.016 (0.40)	.156 (3.96)	.020 (0.51)	.065 (1.65)	.062 (1.57)	.062 (1.57)	.046 (1.17)	.094 (2.39)	.031 (0.79)	.031 (0.79)	-	.025 (0.64)	.067 (1.70)
	-01	.053 (1.35)	.031 (0.79)											.045 (1.14)	
	-02	.084 (2.13)	.062 (1.57)												
	-03	.115 (2.92)	.094 (2.39)												
	-04	.147 (3.73)	.125 (3.18)												
	160-1558 -01	.078 (1.98)	.031 (0.79)	.219 (5.56)	.023 (0.58)	.093 (2.36)	.093 (2.36)	.090 (2.29)	.064 (1.63)	.125 (3.18)	.046 (1.17)	.063 (1.60)	-	.047 (1.19)	.093 (2.37)
	-02	.109 (2.77)	.062 (1.57)											.062 (1.57)	
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												
	160-1597 -01	.063 (1.60)	.031 (0.79)	.219 (5.56)	.023 (0.58)	.093 (2.36)	.093 (2.36)	.090 (2.29)	.064 (1.63)	.125 (3.18)	.046 (1.17)	.063 (1.60)	-	.047 (1.19)	.093 (2.37)
	-02	.094 (2.39)	.062 (1.57)											.062 (1.57)	
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
	160-1026 -01	.075 (1.91)	.031 (0.79)	.237 (6.02)	.042 (1.07)	.092 (2.34)	.094 (2.39)	.090 (2.29)	.064 (1.63)	.125 (3.18)	.047 (1.19)	.063 (1.60)	-	.062 (1.57)	.093 (2.37)
	-02	.105 (2.67)	.062 (1.57)												
	-03	.135 (3.43)	.094 (2.39)												
	-04	.165 (4.19)	.125 (3.18)												
	160-2034 -01	.078 (1.98)	.031 (0.79)	.281 (7.14)	.032 (0.81)	.105 (2.67)	.109 (2.77)	.090 (2.29)	.064 (1.63)	.156 (3.96)	.053 (1.35)	.100 (2.54)	-	.063 (1.60)	.093 (2.37)
	-02	.109 (2.77)	.062 (1.57)											.093 (2.36)	
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												
	160-2110 -02	.109 (2.77)	.062 (1.57)	.500 (12.70)	.062 (1.57)	.211 (5.36)	.200 (5.08)	.262 (6.65)	.201 (5.11)	.312 (7.92)	.125 (3.18)	.156 (3.96)	-	.066 (1.68)	.266 (6.75)
	-03	.140 (3.56)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												
2	160-1724 -01	.078 (1.98)	.031 (0.79)	.359 (9.12)	.047 (1.19)	.151 (3.84)	.142 (3.61)	.112 (2.84)	.076 (1.93)	.188 (4.78)	.065 (1.65)	.099 (2.51)	-	.068 (1.73)	.116 (2.95)
	-02	.109 (2.77)	.062 (1.57)											.098 (2.49)	
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												
3	160-1058 -01	.075 (1.91)	.031 (0.79)	.340 (8.64)	.047 (1.19)	.094 (2.39)	.094 (2.39)	.089 (2.26)	.064 (1.63)	.125 (3.18)	.050 (1.27)	.062 (1.57)	.062 (1.57)	.047 (1.19)	.089 (2.26)
	-02	.105 (2.67)	.062 (1.57)											.062 (1.57)	
	-03	.135 (3.43)	.094 (2.39)												
	-04	.165 (4.19)	.125 (3.18)												
	160-2080 -01	.063 (1.60)	.031 (0.79)	.301 (7.65)	.023 (0.58)	.092 (2.34)	.093 (2.36)	.090 (2.29)	.064 (1.63)	.125 (3.18)	.046 (1.17)	.063 (1.60)	.063 (1.60)	.047 (1.19)	.093 (2.37)
	-02	.094 (2.39)	.062 (1.57)											.062 (1.57)	
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
4	160-2084 -01	.078 (1.98)	.031 (0.79)	.484 (12.29)	.047 (1.19)	.151 (3.84)	.145 (3.68)	.112 (2.84)	.076 (1.93)	.188 (4.78)	.065 (1.65)	.099 (2.51)	.094 (2.39)	.068 (1.73)	.116 (2.95)
	-02	.109 (2.77)	.062 (1.57)											.098 (2.49)	
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												



Dimensions in inches (mm)
See page 92/93 for recommended Anvil and Punch

How to order code

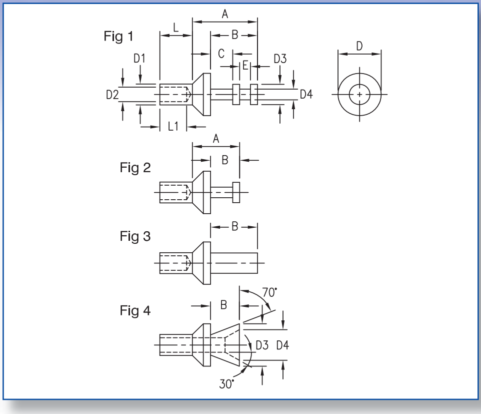
160- XXXX - XX - XX - 00

Basic Part No. — Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	E	Mtg. Hole Diameter
1	160-2043 -01	.051 (1.30)	.031 (0.79)	.186 (4.72)	.062 (1.57)	.062 (1.57)	.094 (2.39)	.073 (1.85)	.050 (1.27)	.038 (0.97)	.022 (0.56)	.076 (1.93)
	-02	.082 (2.08)	.062 (1.57)									
	-03	.113 (2.87)	.094 (2.39)									
	-04	.145 (3.68)	.125 (3.18)									
2	160-2041 -01	.051 (1.30)	.031 (0.79)	.104 (2.64)	-	.062 (1.57)	.094 (2.39)	.072 (1.83)	.050 (1.27)	.038 (0.97)	.022 (0.56)	.076 (1.93)
	-02	.082 (2.08)	.062 (1.57)									
	-03	.113 (2.87)	.094 (2.39)									
	-04	.145 (3.68)	.125 (3.18)									
	160-1040 -01	.062 (1.57)	.031 (0.79)	.159 (4.04)	-	.105 (2.67)	.156 (3.96)	.090 (2.29)	.109 (2.77)	.053 (1.35)	.032 (0.81)	.093 (2.37)
	-02	.094 (2.39)	.062 (1.57)									
	-03	.125 (3.18)	.094 (2.39)									
	-04	.156 (3.96)	.125 (3.18)									



Dimensions in inches (mm)
See page 93 for recommended Anvil and Punch

How to order code

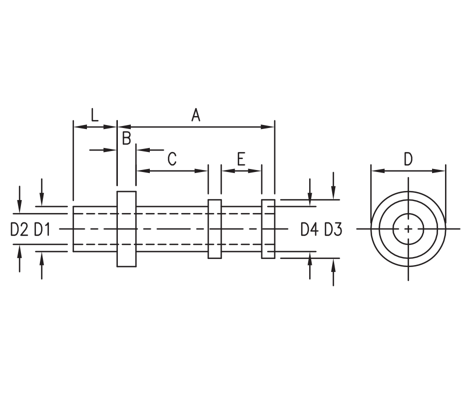
180 - XXXX - XX - XX - 00

Basic Part No. — Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass Leaded Red Brass*	✓ ✓

Finish Code Table		
Dash No.	Finish	RoHS
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.		L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	L1	Mtg. Hole Diameter
1	180-2754	-01	.062 (1.57)	.031 (0.79)	.188 (4.78)	.136 (3.45)	.064 (1.63)	.125 (3.18)	.060 (1.52)	.042 (1.07)	.060 (1.52)	.031 (0.79)	.032 (0.81)	.040 (1.02)	.063 (1.61)
		-02	.094 (2.39)	.062 (1.57)											
		-03	.125 (3.18)	.094 (2.39)											
		-04	.156 (3.96)	.125 (3.18)											
	180-7337	-01*	.062 (1.57)	.031 (0.79)	.173 (4.39)	.136 (3.45)	.064 (1.63)	.094 (2.39)	.060 (1.52)	.042 (1.07)	.060 (1.52)	.031 (0.79)	.032 (0.81)	.040 (1.02)	.063 (1.61)
		-02*	.094 (2.39)	.062 (1.57)											
		-03*	.125 (3.18)	.094 (2.39)											
		-04*	.156 (3.96)	.125 (3.18)											
2	180-2753	-01	.062 (1.57)	.031 (0.79)	.136 (3.45)	.084 (2.13)	.064 (1.63)	.125 (3.18)	.060 (1.52)	.042 (1.07)	.060 (1.52)	.031 (0.79)	-	.040 (1.02)	.063 (1.61)
		-02	.094 (2.39)	.062 (1.57)											
		-03	.125 (3.18)	.094 (2.39)											
		-04	.156 (3.96)	.125 (3.18)											
	180-7336	-01*	.062 (1.57)	.031 (0.79)	.151 (3.84)	.114 (2.90)	.094 (2.39)	.094 (2.39)	.062 (1.57)	.042 (1.07)	.060 (1.52)	.031 (0.79)	-	.040 (1.02)	.063 (1.61)
		-02*	.094 (2.39)	.062 (1.57)											
		-03*	.125 (3.18)	.094 (2.39)											
		-04*	.156 (3.96)	.125 (3.18)											
3	180-2751	-01	.062 (1.57)	.031 (0.79)	.188 (4.78)	.136 (3.45)	-	.125 (3.18)	.060 (1.52)	.042 (1.07)	.060 (1.52)	-	-	.062 (1.57)	.063 (1.61)
		-02	.094 (2.39)	.062 (1.57)											
		-03	.125 (3.18)	.094 (2.39)											
		-04	.156 (3.96)	.125 (3.18)											
4	180-2755	-01	.062 (1.57)	.031 (0.79)	.136 (3.45)	.084 (2.13)	-	.125 (3.18)	.060 (1.52)	.042 (1.07)	.122 (3.10)	.090 (2.29)	-	-	.063 (1.61)
		-02	.094 (2.39)	.062 (1.57)											
		-03	.125 (3.18)	.094 (2.39)											
		-04	.156 (3.96)	.125 (3.18)											



Dimensions in inches (mm)
See page 92 for recommended Anvil and Punch

How to order code

160 - 15XX - XX - XX - 00

Basic Part No.
Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

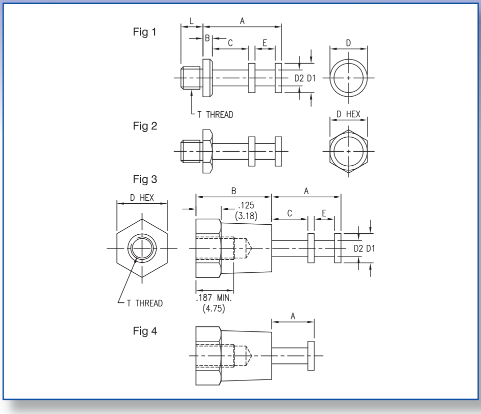
Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	Mtg. Hole Diameter
160-1548 -01	.078 (1.98)	.031 (0.79)	.312 (7.92)	.031 (0.79)	.137 (3.48)	.188 (4.78)	.112 (2.84)	.078 (1.98)	.146 (3.71)	.113 (2.87)	.094 (2.39)	.116 (2.95)
-02	.109 (2.77)	.062 (1.57)										
-03	.141 (3.58)	.094 (2.39)										
-04	.172 (4.37)	.125 (3.18)										
160-1513 -02	.109 (2.77)	.062 (1.57)	.328 (8.33)	.046 (1.17)	.142 (3.61)	.188 (4.78)	.112 (2.84)	.078 (1.98)	.145 (3.68)	.112 (2.84)	.100 (2.54)	.116 (2.95)
-03	.141 (3.58)	.094 (2.39)										
-04	.172 (4.37)	.125 (3.18)										

Typical application

160-2040 swaged into FR4 strip for solder terminations

SOLDER TERMINALS - TURRET, THREAD MOUNT



Dimensions in inches (mm)

How to order code

160 - XXXX - XX - XX - 00

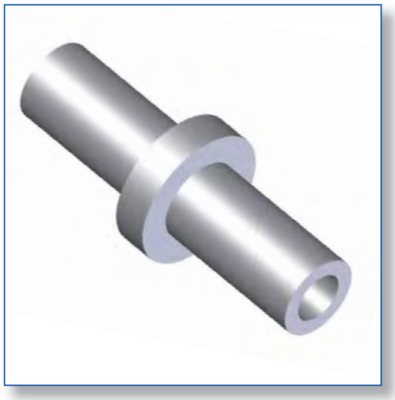
Basic Part No. (160 - XXXX - XX) **Finish** (XX)

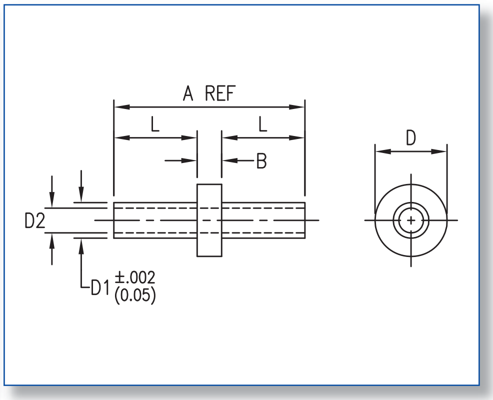
Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.		L	A	B	C	D	D1	D2	E	T
1	160-1582	-01	.125 (3.18)	.357 (9.07)	.047 (1.19)	.149 (3.78)	.188 (4.78)	.145 (3.68)	.065 (1.65)	.099 (2.51)	4 - 40
		-02	.188 (4.78)								
2	160-2051	-01	.125 (3.18)	.357 (9.07)	.047 (1.19)	.149 (3.78)	.188 (4.78)	.145 (3.68)	.065 (1.65)	.099 (2.51)	4 - 40
		-02	.188 (4.78)								
3	160-2381	-01	-	.344 (8.74)	.375 (9.53)	.187 (4.75)	.250 (6.35)	.140 (3.56)	.078 (1.98)	.095 (2.41)	4 - 40
4	160-2380	-01	-	.218 (5.54)	.375 (9.53)	.187 (4.75)	.250 (6.35)	.140 (3.56)	.078 (1.98)	-	4 - 40

SOLDER TERMINALS - EYELET





Dimensions in inches (mm)

See page 93 for recommended Anvil and Punch

How to order code

180 - 146X - 02 - XX - 00

Basic Part No. (180 - 146X - 02) **Finish** (XX)

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Terminal Finish	RoHS
-04	Electro-Tin	✓
-05	Electro-Solder	X

Basic Part No.		A	B	D	D1	D2	L	Mtg. Hole Diameter	Wire Size
180-1460	-02	.200 (5.08)	.020 (0.51)	.078 (1.98)	.046 (1.17)	.028 (0.71)	.090 (2.29)	.052 (1.32)	24-23 AWG
180-1461	-02	.200 (5.08)	.020 (0.51)	.078 (1.98)	.050 (1.27)	.033 (0.84)	.090 (2.29)	.055 (1.40)	22-21 AWG
180-1462	-02	.200 (5.08)	.020 (0.51)	.094 (2.39)	.059 (1.50)	.040 (1.02)	.090 (2.29)	.063 (1.61)	20-19 AWG

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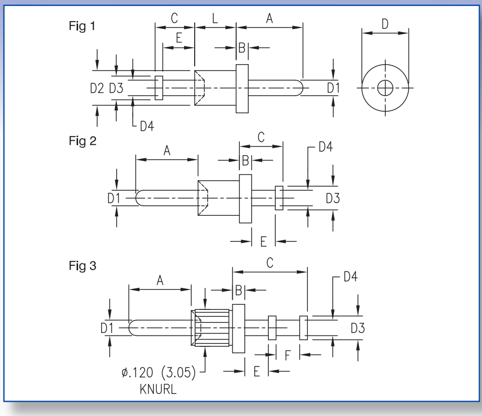


Dimensions in inches (mm)
See page 92 for recommended Anvil and Punch

How to order code

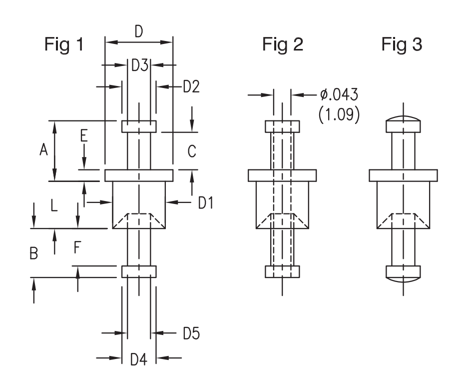
120 - XXXX - XX - XX - 00

Basic Part No. — Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Pin Finish	RoHS
-01	Silver	✓
-04	Electro-Tin	✓

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	F	Mtg. Hole Diameter
1	120-1030 -01	.051 (1.30)	.031 (0.79)	.250 (6.35)	.022 (0.56)	.125 (3.18)	.094 (2.39)	.040 (1.02)	.072 (1.83)	.050 (1.27)	.040 (1.02)	.105 (2.67)	-	.076 (1.93)
	-02	.082 (2.08)	.062 (1.57)											
	-03	.113 (2.87)	.094 (2.39)											
	-04	.145 (3.68)	.125 (3.18)											
2	120-1031 -01	.051 (1.30)	.031 (0.79)	.250 (6.35)	.022 (0.56)	.078 (1.98)	.094 (2.39)	.040 (1.02)	.072 (1.83)	.050 (1.27)	.040 (1.02)	.041 (1.04)	-	.076 (1.93)
	-02	.082 (2.08)	.062 (1.57)											
	-03	.113 (2.87)	.094 (2.39)											
	-04	.145 (3.68)	.125 (3.18)											
	120-1032 -01	.054 (1.37)	.031 (0.79)	.140 (3.56)	.022 (0.56)	.078 (1.98)	.078 (1.98)	.032 (0.81)	.062 (1.57)	.045 (1.14)	.032 (0.81)	.041 (1.04)	-	.067 (1.70)
	-02	.084 (2.13)	.062 (1.57)											
	-03	.115 (2.92)	.094 (2.39)											
	-04	.147 (3.73)	.125 (3.18)											
3	120-2081 -01	.063 (1.60)	.031 (0.79)	.219 (5.56)	.025 (0.64)	.219 (5.56)	.156 (3.96)	.041 (1.04)	-	.093 (2.36)	.046 (1.17)	.091 (2.31)	.063 (1.60)	.125 (3.18)
	-02	.093 (2.36)	.062 (1.57)											
	-03	.125 (3.18)	.094 (2.39)											
	-04	.156 (3.96)	.125 (3.18)											



Dimensions in inches (mm)
See page 92/93 for recommended Anvil and Punch

How to order code

160- XXXX - XX - XX - 00

Basic Part No. — Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	D5	E	F	Mtg. Hole Diameter
1	160-2042 -01	.051 (1.29)	.031 (0.79)	.104 (2.64)	.082 (2.08)	.062 (1.57)	.094 (2.39)	.072 (1.83)	.050 (1.27)	.038 (0.97)	.050 (1.27)	.038 (0.97)	.022 (0.56)	.062 (1.57)	.076 (1.93)
	-02	.082 (2.08)	.062 (1.57)												
	-03	.113 (2.87)	.094 (2.39)												
	-04	.145 (3.68)	.125 (3.18)												
	-05	.207 (5.26)	.188 (4.78)												
	160-1041 -01	.062 (1.57)	.031 (0.79)	.159 (4.04)	.082 (2.08)	.105 (2.67)	.156 (3.96)	.090 (2.29)	.109 (2.77)	.053 (1.35)	.070 (1.78)	.048 (1.22)	.032 (0.81)	.062 (1.57)	.093 (2.37)
	-02	.094 (2.39)	.062 (1.57)												
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
	160-1464 -02	.105 (2.67)	.062 (1.57)	.156 (3.96)	.125 (3.18)	.092 (2.34)	.156 (3.96)	.116 (2.95)	.070 (1.78)	.040 (1.02)	.070 (1.78)	.040 (1.02)	.032 (0.81)	.093 (2.36)	.120 (3.05)
	-03	.135 (3.43)	.094 (2.39)												
	-04	.165 (4.19)	.125 (3.18)												
2	160-2141 -01	.063 (1.60)	.031 (0.79)	.187 (4.75)	.187 (4.75)	.125 (3.18)	.156 (3.96)	.116 (2.95)	.096 (2.44)	.071 (1.80)	.088 (2.24)	.071 (1.80)	.035 (0.89)	.160 (4.06)	.120 (3.05)
	-02	.094 (2.39)	.062 (1.57)												
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												
3	160-1463 -01	.063 (1.60)	.031 (0.79)	.156 (3.96)	.125 (3.18)	.091 (2.31)	.156 (3.96)	.116 (2.95)	.070 (1.78)	.040 (1.02)	.070 (1.78)	.040 (1.02)	.035 (0.89)	.095 (2.41)	.120 (3.05)
	-02	.094 (2.39)	.062 (1.57)												
	-03	.125 (3.18)	.094 (2.39)												
	-04	.156 (3.96)	.125 (3.18)												

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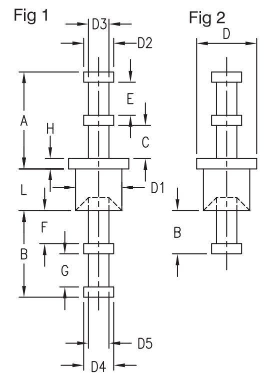


Dimensions in inches (mm)
See page 92/93 for recommended Anvil and Punch

How to order code

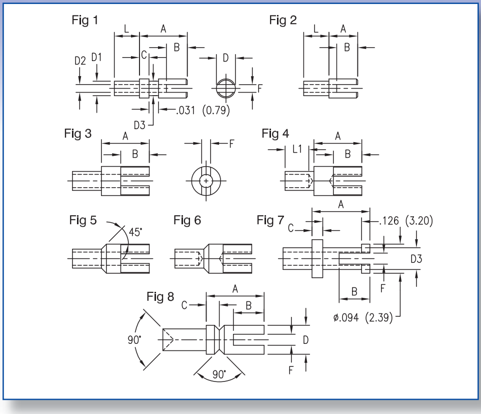
160- XXXX - XX - XX - 00

Basic Part No. — Finish

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-03	Gold over Nickel	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	D5	E	F	G	H	Mtg. Hole Diameter
1	160-2040 -01	.051 (1.29)	.031 (0.79)	.186 (4.72)	.164 (4.17)	.062 (1.57)	.094 (2.39)	.072 (1.83)	.050 (1.27)	.038 (0.97)	.050 (1.27)	.038 (0.97)	.062 (1.57)	.062 (1.57)	.062 (1.57)	.022 (0.56)	.076 (1.93)
	-02	.082 (2.08)	.062 (1.59)														
	-03	.113 (2.87)	.094 (2.39)														
	-04	.145 (3.68)	.125 (3.18)														
	-05	.207 (5.26)	.188 (4.78)														
	160-2004 -01	.062 (1.57)	.031 (0.79)	.219 (5.56)	.188 (4.78)	.093 (2.36)	.125 (3.18)	.090 (2.29)	.063 (1.60)	.040 (1.02)	.063 (1.60)	.040 (1.02)	.063 (1.60)	.083 (2.11)	.063 (1.60)	.021 (0.53)	.093 (2.37)
	-02	.093 (2.36)	.062 (1.59)														
	-03	.125 (3.18)	.094 (2.39)														
	-04	.156 (3.96)	.125 (3.18)														
	160-1043 -01	.062 (1.57)	.031 (0.79)	.281 (7.14)	.164 (4.17)	.105 (2.67)	.156 (3.96)	.090 (2.29)	.109 (2.77)	.053 (1.35)	.070 (1.78)	.048 (1.22)	.100 (2.54)	.062 (1.57)	.062 (1.57)	.032 (0.81)	.093 (2.37)
	-02	.094 (2.39)	.062 (1.59)														
	-03	.125 (3.18)	.094 (2.39)														
	-04	.156 (3.96)	.125 (3.18)														
	160-1035 -01	.075 (1.91)	.031 (0.79)	.237 (6.02)	.134 (3.40)	.093 (2.36)	.156 (3.96)	.125 (3.18)	.093 (2.36)	.047 (1.19)	.062 (1.57)	.030 (0.76)	.058 (1.47)	.062 (1.57)	.032 (0.81)	.046 (1.17)	.128 (3.26)
	-02	.105 (2.67)	.062 (1.59)														
	-03	.135 (3.43)	.094 (2.39)														
	-04	.165 (4.19)	.125 (3.18)														
	160-1081 -02	.093 (2.36)	.062 (1.59)	.342 (8.69)	.315 (8.00)	.156 (3.96)	.250 (6.35)	.201 (5.11)	.142 (3.61)	.065 (1.65)	.142 (3.61)	.065 (1.65)	.093 (2.36)	.157 (3.99)	.096 (2.44)	.031 (0.79)	.204 (5.18)
	-03	.125 (3.18)	.094 (2.39)														
	-04	.156 (3.96)	.125 (3.18)														
	160-1620 -02	.094 (2.39)	.062 (1.57)	.500 (12.70)	.436 (11.07)	.220 (5.59)	.312 (7.92)	.262 (6.65)	.200 (5.08)	.125 (3.18)	.200 (5.08)	.125 (3.18)	.156 (3.96)	.218 (5.54)	.156 (3.96)	.062 (1.57)	.266 (6.75)
	-03	.125 (3.18)	.094 (2.39)														
	-04	.156 (3.96)	.125 (3.18)														
2	160-2044 -01	.051 (1.29)	.031 (0.79)	.186 (4.72)	.082 (2.08)	.062 (1.57)	.094 (2.39)	.072 (1.83)	.050 (1.27)	.038 (0.97)	.050 (1.27)	.038 (0.97)	.062 (1.57)	-	-	.022 (0.56)	.076 (1.93)
	-02	.082 (2.08)	.062 (1.59)														
	-03	.113 (2.87)	.094 (2.39)														
	-04	.145 (3.68)	.125 (3.18)														
	-05	.207 (5.26)	.188 (4.76)														
	160-2000 -01	.062 (1.57)	.031 (0.79)	.219 (5.56)	.104 (2.64)	.093 (2.36)	.125 (3.18)	.090 (2.29)	.063 (1.60)	.040 (1.02)	.063 (1.60)	.040 (1.02)	.063 (1.60)	-	-	.021 (0.53)	.093 (2.37)
	-02	.094 (2.39)	.062 (1.57)														
	-03	.125 (3.18)	.094 (2.39)														
	-04	.156 (3.96)	.125 (3.18)														
	160-1042 -01	.062 (1.57)	.031 (0.79)	.281 (7.14)	.062 (1.57)	.105 (2.67)	.156 (3.96)	.090 (2.29)	.109 (2.77)	.053 (1.35)	.070 (1.78)	.048 (1.22)	.100 (2.54)	-	-	.032 (0.81)	.093 (2.37)
	-02	.094 (2.39)	.062 (1.59)														
	-03	.125 (3.18)	.094 (2.39)														
	-04	.156 (3.96)	.125 (3.18)														
	160-1520 -02	.105 (2.67)	.062 (1.59)	.358 (9.09)	.109 (2.77)	.151 (3.84)	.188 (4.78)	.114 (2.90)	.145 (3.68)	.065 (1.65)	.082 (2.08)	.040 (1.02)	.094 (2.39)	-	-	.047 (1.19)	.118 (3.00)
	-03	.135 (3.43)	.094 (2.39)														
	-04	.165 (4.19)	.125 (3.18)														
	160-1579 -01	.063 (1.60)	.031 (0.79)	.344 (8.74)	.110 (2.79)	.092 (2.34)	.250 (6.35)	.202 (5.13)	.141 (3.58)	.062 (1.57)	.141 (3.58)	.062 (1.57)	.156 (3.96)	-	-	.032 (0.81)	.206 (5.22)
	-02	.094 (2.39)	.062 (1.59)														
	-03	.125 (3.18)	.094 (2.39)														
	-04	.156 (3.96)	.125 (3.18)														



Dimensions in inches (mm)
See page 92/93 for recommended Anvil and Punch

How to order code

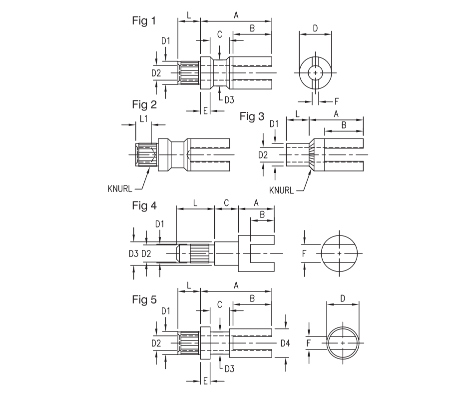
1XX - XXXX - XX - XX - 00

Basic Part No. **Finish**

Material Code Table		
Component	Material	RoHS
Terminal	Brass	✓
	Leaded Red Brass*	✓

Finish Code Table		
Dash No.	Finish	RoHS
-01	Silver	✓
-04	Electro-Tin	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	L1	A	B	C	D	D1	D2	D3	F	Mtg. Hole Diameter
1	140-2089 -11	.035 (0.89)	.016 (0.40)	-	.156 (3.96)	.068 (1.73)	.031 (0.79)	.062 (1.57)	.047 (1.19)	.026 (0.66)	.047 (1.19)	.025 (0.64)	.052 (1.32)
	-01	.051 (1.30)	.031 (0.79)										
	-02	.082 (2.08)	.062 (1.57)										
	-03	.113 (2.87)	.094 (2.39)										
	-04	.145 (3.68)	.125 (3.18)										
	140-1019 -11	.035 (0.89)	.016 (0.40)	-	.156 (3.96)	.068 (1.73)	.031 (0.79)	.072 (1.83)	.047 (1.19)	.026 (0.66)	.057 (1.45)	.028 (0.71)	.052 (1.32)
	-01	.051 (1.30)	.031 (0.79)										
	-02	.082 (2.08)	.062 (1.57)										
	-03	.113 (2.87)	.094 (2.39)										
	-04	.145 (3.68)	.125 (3.18)										
2	140-1018 -11	.035 (0.89)	.016 (0.40)	-	.094 (2.39)	.068 (1.73)	-	.072 (1.83)	.047 (1.19)	.026 (0.66)	-	.028 (0.71)	.052 (1.32)
	-01	.051 (1.30)	.031 (0.79)										
	-02	.082 (2.08)	.062 (1.57)										
	-03	.113 (2.87)	.094 (2.39)										
	-04	.145 (3.68)	.125 (3.18)										
3	140-1785 -11	.025 (0.64)	.016 (0.40)	-	.156 (3.96)	.093 (2.36)	-	.094 (2.39)	.062 (1.57)	.043 (1.09)	-	.026 (0.66)	.067 (1.70)
	-01	.045 (1.14)	.031 (0.79)										
	-02	.094 (2.39)	.062 (1.57)										
	-03	.125 (3.18)	.094 (2.39)										
	-04	.156 (3.96)	.125 (3.18)										
	140-1941 -11	.025 (0.64)	.016 (0.40)	-	.156 (3.96)	.094 (2.39)	-	.094 (2.39)	.071 (1.80)	.046 (1.17)	-	.029 (0.74)	.076 (1.93)
	-01	.045 (1.14)	.031 (0.79)										
	-02	.094 (2.39)	.062 (1.57)										
	-03	.125 (3.18)	.094 (2.39)										
	-04	.156 (3.96)	.125 (3.18)										
4	140-1385 -11	.025 (0.64)	.016 (0.40)	.040 (1.02)	.156 (3.96)	.093 (2.36)	-	.094 (2.39)	.062 (1.57)	.043 (1.09)	-	.025 (0.64)	.067 (1.70)
	-01	.045 (1.14)	.031 (0.79)										
	-02	.094 (2.39)	.062 (1.57)	.062 (1.57)									
	-03	.125 (3.18)	.094 (2.39)										
	-04	.156 (3.96)	.125 (3.18)										
5	180-2752 -01	.062 (1.57)	.031 (0.79)	-	.188 (4.78)	.093 (2.36)	-	.125 (3.18)	.060 (1.52)	.042 (1.07)	-	.029 (0.74)	.064 (1.63)
	-02	.094 (2.39)	.062 (1.57)										
	-03	.125 (3.18)	.094 (2.39)										
	-04	.156 (3.96)	.125 (3.18)										
	180-7338 -01*	.062 (1.57)	.031 (0.79)	-	.173 (4.39)	.093 (2.36)	-	.094 (2.39)	.060 (1.52)	.042 (1.07)	-	.029 (0.74)	.064 (1.63)
	-02*	.094 (2.39)	.062 (1.57)										
	-03*	.125 (3.18)	.094 (2.39)										
	-04*	.156 (3.96)	.125 (3.18)										
6	180-2926 -01	.062 (1.57)	.031 (0.79)	.062 (1.57)	.188 (4.78)	.093 (2.36)	-	.125 (3.18)	.060 (1.52)	.042 (1.07)	-	.026 (0.66)	.064 (1.63)
	-02	.094 (2.39)	.062 (1.57)										
	-03	.125 (3.18)	.094 (2.39)										
	-04	.156 (3.96)	.125 (3.18)										
7	140-1028 -01	.063 (1.60)	.031 (0.79)	-	.188 (4.78)	.100 (2.54)	.035 (0.89)	.125 (3.18)	.071 (1.80)	.040 (1.02)	.071 (1.80)	.036 (0.91)	.076 (1.93)
	-02	.094 (2.39)	.062 (1.57)										
	-03	.125 (3.18)	.094 (2.39)										
	-04	.156 (3.96)	.125 (3.18)										
8	140-2187 -11	.030 (0.76)	.016 (0.40)	-	.080 (2.03)	.032 (0.81)	.021 (0.53)	.045 (1.14)	.032 (0.81)	-	-	.015 (0.38)	.036 (0.91)
	-01	.045 (1.14)	.031 (0.79)										
	-02	.077 (1.96)	.062 (1.57)										
	-03	.108 (2.74)	.094 (2.39)										
	-04	.139 (3.53)	.125 (3.18)										



Dimensions in inches (mm)

See page 92 for recommended Anvil and Punch

How to order code

1XX - XXXX - XX - XX - 00

Basic Part No. (1XX - XXXX - XX)

Finish (XX)

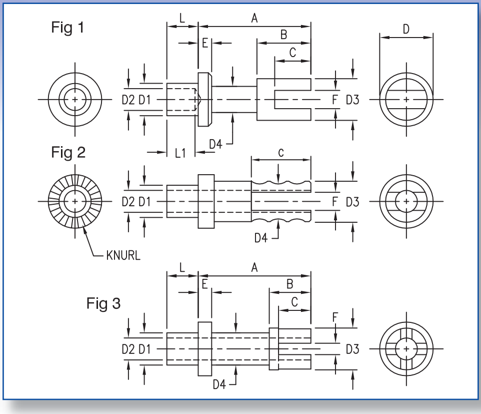
Material Code Table

Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table

Dash No.	Terminal Finish	RoHS
-01	Silver	✓
-03	Gold	✓
-05	Electro-Solder	X

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	E	F	L1	Mtg. Hole Diameter
1	140-1782 -03	.141 (3.58)	.094 (2.39)	.688 (17.48)	.250 (6.35)	.187 (4.75)	.250 (6.35)	.185 (4.70)	.120 (3.05)	.218 (5.54)	.187 (4.75)	090 (2.29)	-	.189 (4.80)
	-04	.172 (4.37)	.125 (3.18)											
	140-1783 -02	.109 (2.77)	.062 (1.57)	.500 (12.70)	.219 (5.56)	.125 (3.18)	.219 (5.56)	.135 (3.43)	.102 (2.59)	.172 (4.37)	.093 (2.36)	062 (1.57)	-	.141 (3.57)
	-03	.141 (3.58)	.094 (2.39)											
	-04	.172 (4.37)	.125 (3.18)											
	140-1784 -02	.109 (2.77)	.062 (1.57)	.344 (8.74)	.187 (4.75)	.062 (1.57)	.156 (3.96)	.112 (2.84)	.070 (1.78)	.125 (3.18)	.062 (1.57)	031 (0.79)	-	.116 (2.95)
	-03	.141 (3.58)	.094 (2.39)											
	-04	.172 (4.37)	.125 (3.18)											
2	140-1937 -02	.109 (2.77)	.062 (1.57)	.344 (8.74)	.188 (4.78)	.063 (1.60)	.156 (3.96)	.112 (2.84)	.070 (1.78)	.125 (3.18)	.062 (1.57)	072 (1.83)	.093 (2.36)	.116 (2.95)
	-03	.141 (3.58)	.094 (2.39)											
	-04	.172 (4.37)	.125 (3.18)											
3	140-1969 -01	.078 (1.98)	.031 (0.79)	.328 (8.33)	.207 (5.26)	-	.188 (4.78)	.112 (2.84)	.079 (2.01)	-	-	053 (1.35)	-	.116 (2.95)
	-02	.109 (2.77)	.062 (1.57)											
	-03	.141 (3.58)	.094 (2.39)											
	-04	.172 (4.37)	.125 (3.18)											
4	180-2228 -01	.297 (7.54)	-	.094 (2.39)	.062 (1.57)	0.62 (1.57)	.094 (2.39)	.049 (1.24)	.045 (1.14)	.062 (1.57)	-	055 (1.40)	-	.046 (1.18)
	-02	.100 (2.54)												
5	140-1578 -02	.109 (2.77)	.062 (1.57)	.375 (9.53)	.125 (3.18)	.093 (2.36)	.188 (4.78)	.150 (3.81)	.081 (2.06)	.125 (3.18)	.093 (2.36)	064 (1.63)	-	.154 (3.91)
	-03	.141 (3.58)	.094 (2.39)											
	-04	.172 (4.37)	.125 (3.18)											



Dimensions in inches (mm)
See page 92 for recommended Anvil and Punch

How to order code

140 - 10XX - XX - 01 - 00

Basic Part No. (140 - 10XX) — Finish (01)

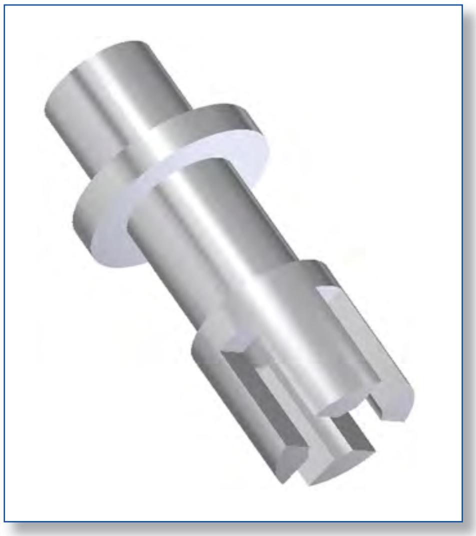
Material Code Table

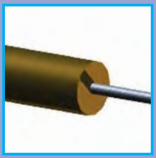
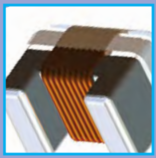
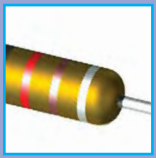
Component	Material	RoHS
Terminal	Brass	✓

Finish Code Table

Dash No.	Terminal Finish	RoHS
-01	Silver	✓

Fig.	Basic Part No.	L	Board Thickness	A	B	C	D	D1	D2	D3	D4	E	F	L1	Mtg. Hole Diameter
1	140-1025 -01	.078 (1.98)	.031 (0.79)	.391 (9.93)	.187 (4.75)	.125 (3.18)	.188 (4.78)	.112 (2.84)	.076 (1.93)	.145 (3.68)	.090 (2.29)	.047 (1.19)	.063 (1.60)	.068 (1.73)	.116 (2.95)
	-02	.109 (2.77)	.062 (1.57)											.098 (2.49)	
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												
2	140-1027 -01	.075 (1.91)	.031 (0.79)	.328 (8.33)	-	.201 (5.11)	.188 (4.78)	.112 (2.84)	.070 (1.78)	.140 (3.56)	.109 (2.77)	.062 (1.57)	.052 (1.32)	-	.116 (2.95)
	-02	.105 (2.67)	.062 (1.57)												
	-03	.135 (3.43)	.094 (2.39)												
	-04	.165 (4.19)	.125 (3.18)												
3	140-1010 -01	.078 (1.98)	.031 (0.79)	.312 (7.92)	.144 (3.66)	.113 (2.87)	.188 (4.78)	.112 (2.84)	.078 (1.98)	.146 (3.71)	.112 (2.84)	.031 (0.79)	.040 (1.02)	-	.116 (2.95)
	-02	.109 (2.77)	.063 (1.60)												
	-03	.141 (3.58)	.094 (2.39)												
	-04	.172 (4.37)	.125 (3.18)												



RF CHOKES - MOULDED

RF CHOKES - EPOXY DIPPED

SURFACE MOUNT WIREWOUND CHIP INDUCTOR

RF INDUCTOR - MOULDED

SURFACE MOUNT SHIELDED POWER INDUCTOR

SURFACE MOUNT UNSHIELDED POWER INDUCTOR

CLASS-D POWER INDUCTOR

RFID TRANSPONDER COIL

RFID TRANSPONDER COIL - CERAMIC

AIR COILS

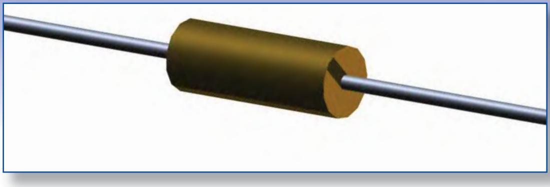
SHIELDED COMMON MODE CHOKE

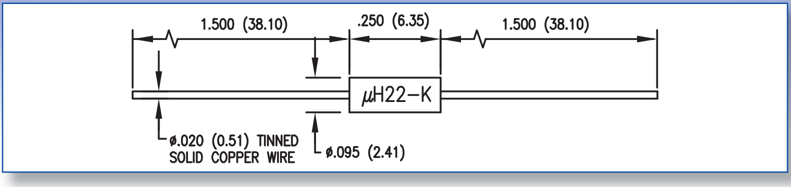
VARIABLE COILS

FILTER TERMINAL

section 05

Dimensions in inches (mm)





Inductance Tolerance Coded Dash Numbers			
-01	±5%	J	To Order
-02	±10%	K	Standard

Packaging Code	
-00	Loose
-36	Tape (500 Per Reel)

How to order code

55X - XXXX - XX - XX - XX

- Basic Part No.
- Inductance Code
- Inductance Tolerance
- Packaging

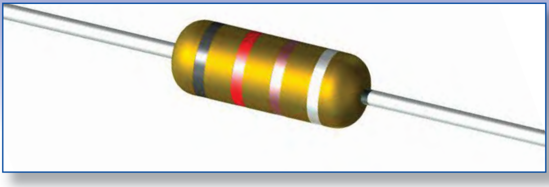
Basic Part No.		Body Marking Inductance & Tolerance	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
551-5172	-01	22nH-K	33	30.0	0.0055	3000	900
	-02	27nH-K	33	30.0	0.0085	3000	900
	-03	33nH-K	33	30.0	0.0255	2800	900
	-04	39nH-K	33	30.0	0.0330	2500	900
	05	47nH-K	33	25.0	0.0380	2340	900
	-06	56nH-K	33	25.0	0.0480	2080	900
	-07	68nH-K	33	25.0	0.0550	1940	900
	-08	82nH-K	33	25.0	0.0650	1790	750
550-3399	-01	µH10-K	40	25.0	0.080	1350	625
	-02	µH12-K	40	25.0	0.090	1270	590
	-03	µH15-K	38	25.0	0.10	1200	550
	-04	µH18-K	35	25.0	0.12	1105	500
	-05	µH22-K	33	25.0	0.14	1025	470
	-06	µH27-K	33	25.0	0.16	960	400
	-07	µH33-K	30	25.0	0.22	815	380
	-08	µH39-K	30	25.0	0.30	700	350
	-09	µH47-K	30	25.0	0.35	650	310
	-10	µH56-K	30	25.0	0.50	545	280
	-11	µH68-K	28	25.0	0.60	495	250
	-12	µH82-K	28	25.0	0.85	415	230
	-13	1µH0-K	25	25.0	1.00	385	210
	-14	1µH2-K	25	7.9	0.18	590	140
	-15	1µH5-K	28	7.9	0.22	535	130
	-16	1µH8-K	30	7.9	0.30	455	115
	-17	2µH2-K	30	7.9	0.40	395	105
	-18	2µH7-K	37	7.9	0.55	355	92.0
	-19	3µH3-K	45	7.9	0.85	270	83.0
	-20	3µH9-K	45	7.9	1.0	250	73.0
	-21	4µH7-K	45	7.9	1.2	230	69.0
	-22	5µH6-K	50	7.9	1.8	185	60.0
	-23	6µH8-K	50	7.9	2.0	175	55.0
	-24	8µH2-K	55	7.9	2.7	155	50.0
	-25	10µH -K	55	7.9	3.7	130	46.0
	-26	12µH -K	45	2.5	2.7	155	37.0
	-27	15µH -K	40	2.5	2.8	150	32.0
	-28	18µH-K	50	2.5	3.1	145	28.0
	-29	22µH-K	50	2.5	3.3	140	23.0
	-30	27µH -K	50	2.5	3.5	135	18.0
	-31	33µH -K	45	2.5	3.4	130	20.0
	-32	39µH -K	45	2.5	3.6	125	19.0
	-33	47µH -K	45	2.5	4.5	110	17.0
	-34	56µH -K	45	2.5	5.7	100	15.0
	-35	68µH -K	50	2.5	6.7	92	13.0
	-36	82µH -K	50	2.5	7.3	88	12.0
	-37	mH10-K	50	2.5	8.0	84	11.0
	-38	mH12-K	30	0.79	13.0	66	10.0
	-39	mH15-K	30	0.79	15.0	61	9.0
	-40	mH18-K	30	0.79	17.0	57	8.5
	-41	mH22-K	30	0.79	21.0	52	7.5
	-42	mH27-K	30	0.79	25.0	47	6.8
	-43	mH33-K	30	0.79	28.0	45	6.0
	-44	mH39-K	30	0.79	35.0	40	5.5
	-45	mH47-K	30	0.79	42.0	36	5.1
	-46	mH56-K	30	0.79	46.0	35	4.2
	-47	mH68-K	30	0.79	60.0	30	3.4
	-48	mH82-K	30	0.79	65.0	29	3.2
	-49	1mH0-K	30	0.79	72.0	28	2.9

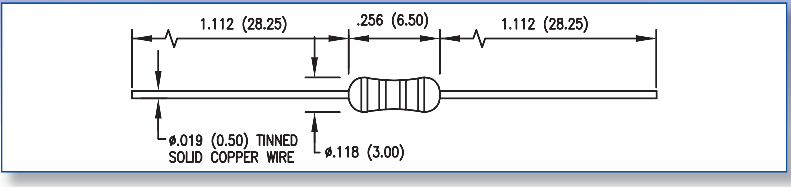
Temperature Range:

551-5172	-01 to -08	-55°C to +125°C
550-3399	-01 to -14	-55°C to +125°C
550-3399	-15 to -49	-55°C to +105°C

For RoHS Compliant add suffix -LF to the part number
Conforms to BS9751 N001 Pattern A

Dimensions in inches (mm)





Inductance Tolerance Coded Dash Numbers			
-02	Tolerance %	A	Standard
-01	Tolerance %	B	To Order

Packaging Code	
-00	Loose
-36	Tape (4,000 Per Reel)

How to order code

550 - 8399 - XX - XX - XX

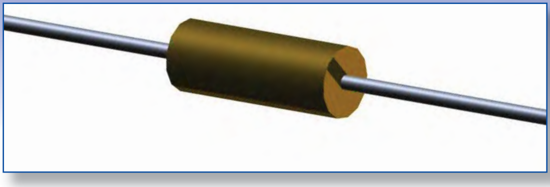
Basic Part No. – Inductance Code – Inductance Tolerance – Packaging

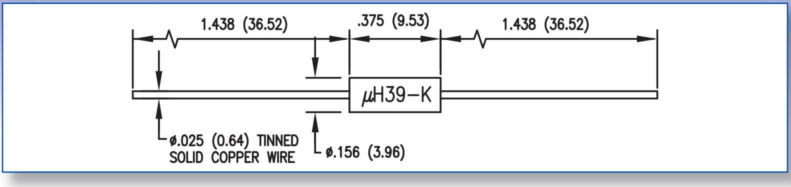
Basic Part No.		Inductance	Tolerance % A	Tolerance % B	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
550-8399	-01	µH10	20	10	35	25.2	0.110	1100	600
	-02	µH12	20	10	35	25.2	0.120	1080	570
	-03	µH15	20	10	35	25.2	0.130	1020	500
	-04	µH18	20	10	35	25.2	0.140	1000	460
	-05	µH22	20	10	35	25.2	0.160	990	420
	-06	µH27	20	10	35	25.2	0.170	910	380
	-07	µH33	20	10	35	25.2	0.200	830	330
	-08	µH39	20	10	35	25.2	0.220	790	300
	-09	µH47	20	10	35	25.2	0.250	750	280
	-10	µH56	20	10	35	25.2	0.280	700	260
	-11	µH68	20	10	35	25.2	0.480	530	240
	-12	µH82	20	10	35	25.2	0.550	500	230
	-13	1µH0	10	5	35	25.2	0.250	630	180
	-14	1µH2	10	5	40	7.96	0.250	610	170
	-15	1µH5	10	5	40	7.96	0.300	570	150
	-16	1µH8	10	5	40	7.96	0.300	540	130
	-17	2µH2	10	5	40	7.96	0.350	520	120
	-18	2µH7	10	5	40	7.96	0.400	480	110
	-19	3µH3	10	5	40	7.96	0.500	420	110
	-20	3µH9	10	5	40	7.96	0.550	400	100
	-21	4µH7	10	5	40	7.96	0.650	380	90
	-22	5µH6	10	5	45	7.96	1.30	260	75
	-23	6µH8	10	5	45	7.96	1.45	250	70
	-24	8µH2	10	5	50	7.96	1.60	240	65
	-25	10µH	10	5	50	7.96	1.70	230	60
	-26	12µH	10	5	50	2.52	2.40	190	50
	-27	15µH	10	5	50	2.52	2.70	185	45
	-28	18µH	10	5	60	2.52	0.81	350	14
	-29	22µH	10	5	60	2.52	0.90	335	12
	-30	27µH	10	5	60	2.52	1.00	315	11
	-31	33µH	10	5	60	2.52	1.12	300	10
	-32	39µH	10	5	60	2.52	1.21	285	8.5
	-33	47µH	10	5	60	2.52	2.40	200	7.7
	-34	56µH	10	5	60	2.52	2.60	195	6.8
	-35	68µH	10	5	60	2.52	2.90	185	5.7
	-36	82µH	10	5	60	2.52	3.20	175	5.5
	-37	mH10	10	5	60	2.52	3.50	170	5.3
	-38	mH12	10	5	60	0.79	3.80	160	5.0
	-39	mH15	10	5	60	0.79	4.30	150	4.6
	-40	mH18	10	5	60	0.79	5.30	135	4.2
	-41	mH22	10	5	60	0.79	5.80	130	3.8
	-42	mH27	10	5	60	0.79	7.80	115	3.2
	-43	mH33	10	5	60	0.79	8.70	105	3.0
	-44	mH39	10	5	60	0.79	11.0	95	2.7
	-45	mH47	10	5	60	0.79	12.0	90	2.3
	-46	mH56	10	5	60	0.79	16.5	75	2.2
	-47	mH68	10	5	60	0.79	22.0	65	2.0
	-48	mH82	10	5	60	0.79	25.0	60	1.8
	-49	1mH0	10	5	60	0.79	33.0	55	1.5

Temperature Range: -55°C to +105°C

Devices are RoHS compliant and are fully colour-band coded

Dimensions in inches (mm)





Inductance Tolerance Coded Dash Numbers			
-01	±5%	J	To Order
-02	±10%	K	Standard
-03	±20%	M	To Order

Packaging Code	
-00	Loose
-36	Tape (500 Per Reel)

How to order code

55X - XXXX - XX - XX - XX

- Basic Part No.
- Inductance Code
- Inductance Tolerance
- Packaging

Basic Part No.		Body Marking Inductance & Tolerance	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
551-5169	-01	22nH-K	45	30.0	0.0094	5400	940
	-02	27nH-K	45	30.0	0.011	5000	940
	-03	39nH-K	45	25.0	0.013	4600	850
	-04	56nH-K	45	25.0	0.015	4300	730
	-05	68nH-K	45	25.0	0.018	3900	660
	-06	82nH-K	45	25.0	0.019	3800	620
	-07	µH10-K	45	25.0	0.021	3600	600
550-3640	-01	µH15-K	50	25.0	0.030	2450	525
	-03	µH18-K	45	25.0	0.040	2400	450
	-05	µH22-K	50	25.0	0.055	1810	450
	-07	µH27-K	45	25.0	0.070	1800	390
	-09	µH33-K	45	25.0	0.090	1400	360
	-11	µH39-K	45	25.0	0.100	1410	330
	-13	µH47-K	45	25.0	0.120	1225	310
	-15	µH56-K	50	25.0	0.135	1190	280
	-17	µH68-K	50	25.0	0.150	1100	250
	-19	µH82-K	50	25.0	0.220	900	220
	-21	1µH0-K	50	25.0	0.290	785	200
	-23	1µH2-K	33	7.9	0.42	650	180
	-25	1µH5-K	33	7.9	0.50	600	160
	-27	1µH8-K	33	7.9	0.65	525	150
	-29	2µH2-K	33	7.9	0.95	425	139
	-31	2µH7-K	33	7.9	1.20	385	120
	-33	3µH3-K	33	7.9	2.00	300	110
	-35	3µH9-K	33	7.9	2.30	280	100.0
	-37	4µH7-K	33	7.9	2.60	260	90.0
	-39	5µH6-K	45	7.9	0.32	495	60.0
	-41	6µH8-K	50	7.9	0.50	395	55.0
	-43	8µH2-K	50	7.9	0.60	360	50.0
	-45	10µH-K	55	7.9	0.90	290	45.0
	-47	12µH-K	65	2.5	1.10	265	42.0
	-49	15µH-K	65	2.5	1.40	240	40.0
	-51	18µH-K	75	2.5	2.25	195	34.0
	-53	22µH-K	75	2.5	2.50	175	30.0
	-55	27µH-K	60	2.5	2.60	170	25.0
	-57	33µH-K	65	2.5	3.00	165	19.0
551-5180	-01	39µH-K	60	2.50	2.60	250	14.5
	-02	47µH-K	55	2.50	2.75	247	13.0
	-03	56µH-K	55	2.50	3.00	243	12.0
	-04	68µH-K	55	2.50	3.30	235	11.0
	-05	82µH-K	50	2.50	3.90	224	10.3
	-06	mH10-K	50	2.50	4.50	214	9.5
	-07	mH12-K	65	0.79	5.20	205	8.7
	-08	mH15-K	65	0.79	6.05	187	8.0
	-09	mH18-K	65	0.79	6.75	183	7.0
	-10	mH22-K	65	0.79	7.45	175	6.2
	-11	mH27-K	65	0.79	9.00	160	5.5
	-12	mH33-K	65	0.79	12.5	150	5.0
	-13	mH39-K	65	0.79	14.0	140	4.5
	-14	mH47-K	65	0.79	18.0	123	4.2
	-15	mH56-K	65	0.79	21.0	114	4.1
	-16	mH68-K	65	0.79	25.0	105	3.8
	-17	mH82-K	65	0.79	30.0	96	3.6
	-18	1mH0-K	65	0.79	35.0	89	3.4
	-19	1mH2-K	35	0.25	60.0	60	2.0

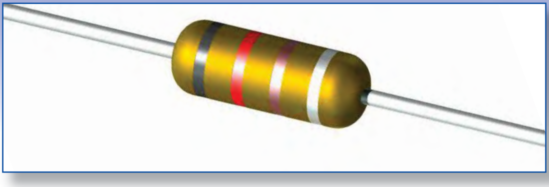
Temperature Range:

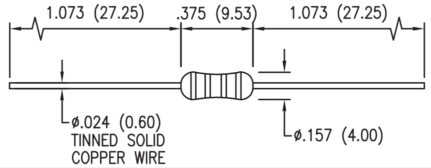
551-5169	-01 to -07	-55°C to +125°C
550-3640	-01 to -37	-55°C to +125°C
550-3640	-39 to -57	-55°C to +105°C
551-5180	-01 to -19	-55°C to +100°C

For RoHS Compliant add suffix -LF to the part number
Conforms to BS9751 N001 Pattern B

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**

Dimensions in inches (mm)





Inductance Tolerance Coded Dash Numbers			
-02	Tolerance %	A	Standard
-01	Tolerance %	B	To Order

Packaging Code	
-00	Loose
-36	Tape (3,500 Per Reel)

How to order code

550 - 8640 - XX - XX - XX

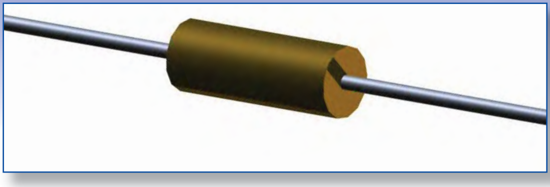
- Basic Part No.
- Inductance Code
- Inductance Tolerance
- Packaging

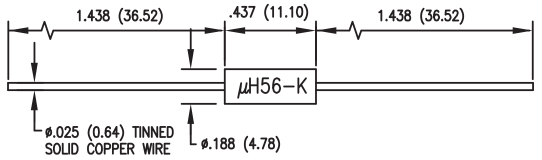
Basic Part No.		Inductance	Tolerance % A	Tolerance % B	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
	-01	µH10	20	10	45	25.2	0.08	1600	380
	-02	µH12	20	10	45	25.2	0.10	1550	360
	-03	µH15	20	10	45	25.2	0.10	1500	340
	-04	µH18	20	10	45	25.2	0.10	1480	320
	-05	µH22	20	10	45	25.2	0.10	1450	300
	-06	µH27	20	10	45	25.2	0.11	1400	270
	-07	µH33	20	10	45	25.2	0.12	1350	250
	-08	µH39	20	10	45	25.2	0.13	1300	230
	-09	µH47	20	10	45	25.2	0.14	1280	220
	-10	µH56	20	10	45	25.2	0.15	1240	210
	-11	µH68	20	10	45	25.2	0.16	1230	200
	-12	µH82	20	10	45	25.2	0.17	1210	190
	-13	1µH0	10	5	45	25.2	0.16	1200	205
	-14	1µH2	10	5	50	7.96	0.18	1150	185
	-15	1µH5	10	5	50	7.96	0.20	1100	165
	-16	1µH8	10	5	55	7.96	0.22	1030	155
	-17	2µH2	10	5	55	7.96	0.25	1000	140
	-18	2µH7	10	5	60	7.96	0.26	940	125
	-19	3µH3	10	5	60	7.96	0.29	900	115
	-20	3µH9	10	5	60	7.96	0.31	850	105
	-21	4µH7	10	5	60	7.96	0.34	820	95
	-22	5µH6	10	5	60	7.96	0.38	780	85
	-23	6µH8	10	5	65	7.96	0.51	670	75
	-24	8µH2	10	5	65	7.96	0.48	690	50
	-25	10µH	10	5	65	7.96	0.49	680	35
	-26	12µH	10	5	50	2.52	0.55	650	30
	-27	15µH	10	5	50	2.52	0.60	610	20
	-28	18µH	10	5	50	2.52	0.67	580	17
	-29	22µH	10	5	50	2.52	0.74	560	13
	-30	27µH	10	5	55	2.52	0.83	530	10
550-8640	-31	33µH	10	5	55	2.52	0.92	500	9.0
	-32	39µH	10	5	55	2.52	1.02	470	8.0
	-33	47µH	10	5	40	2.52	1.10	450	7.5
	-34	56µH	10	5	40	2.52	1.23	430	7.0
	-35	68µH	10	5	40	2.52	1.35	410	6.5
	-36	82µH	10	5	35	2.52	1.54	390	6.0
	-37	mH10	10	5	30	2.52	1.70	370	5.0
	-38	mH12	10	5	70	0.79	2.40	300	4.5
	-39	mH15	10	5	70	0.79	2.80	280	4.2
	-40	mH18	10	5	70	0.79	3.00	270	3.9
	-41	mH22	10	5	70	0.79	3.30	250	3.7
	-42	mH27	10	5	70	0.79	5.70	200	2.8
	-43	mH33	10	5	70	0.79	6.40	190	2.7
	-44	mH39	10	5	70	0.79	7.00	180	2.4
	-45	mH47	10	5	70	0.79	7.90	170	2.2
	-46	mH56	10	5	60	0.79	8.80	160	2.0
	-47	mH68	10	5	55	0.79	10.0	150	1.9
	-48	mH82	10	5	55	0.79	12.0	140	1.6
	-49	1mH0	10	5	50	0.79	14.0	130	1.6
	-50	1mH2	10	5	50	0.25	16.9	120	1.3
	-51	1mH5	10	5	40	0.25	21.6	100	1.3
	-52	1mH8	10	5	40	0.25	24.0	95	1.2
	-53	2mH2	10	5	40	0.25	34.7	80	1.1
	-54	2mH7	10	5	40	0.25	40.0	75	1.0
	-55	3mH3	10	5	40	0.25	59.5	62	0.90
	-56	3mH9	10	5	40	0.25	66.0	59	0.80
	-57	4mH7	10	5	40	0.25	74.0	55	0.70
	-58	5mH6	10	5	30	0.25	70.0	40	0.55
	-59	6mH8	10	5	30	0.25	90.0	35	0.50
	-60	8mH2	10	5	30	0.25	95.0	30	0.40
	-61	10mH0	10	5	20	0.25	115	25	0.35

Temperature Range: **-55°C to +105°C**

Devices are RoHS compliant and are fully colour-band coded

Dimensions in inches (mm)





Inductance Tolerance Coded Dash Numbers

-01	±5%	J	To Order
-02	±10%	K	Standard
-03	±20%	M	To Order

Packaging Code

-00	Loose
-36	Tape (500 Per Reel)

How to order code

550 - 2960 - XX - XX - XX

- Basic Part No.
- Inductance Code
- Inductance Tolerance
- Packaging

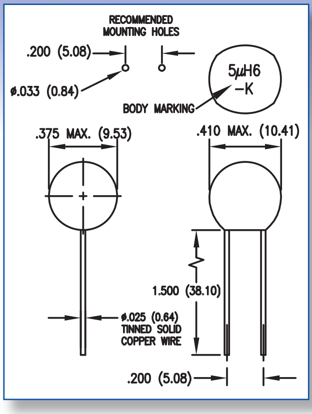
Basic Part No.		Body Marking Inductance & Tolerance	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
550-2960	-21	µH15-K	55	25.0	0.030	3000	510
	-22	µH22-K	50	25.0	0.035	2800	415
	-23	µH33-K	50	25.0	0.065	2000	350
	-24	µH47-K	50	25.0	0.085	1700	300
	-25	µH56-K	50	25.0	0.125	1450	270
	-26	µH68-K	45	25.0	0.150	1300	250
	-27	µH82-K	40	25.0	0.205	1100	210
	-28	1µH0-K	40	25.0	0.290	930	200
	-29	1µH2-K	30	7.9	0.400	795	180
	-30	1µH5-K	30	7.9	0.485	700	170
	-31	1µH8-K	30	7.9	0.740	580	150
	-32	2µH2-K	30	7.9	0.970	505	140
	-33	2µH7-K	30	7.9	1.200	460	120
	-34	3µH3-K	30	7.9	0.140	990	70.0
	-35	3µH9-K	30	7.9	0.155	870	65.0
	-36	4µH7-K	30	7.9	0.210	745	60.0
	-37	5µH6-K	30	7.9	0.280	645	50.0
	-38	6µH8-K	30	7.9	0.375	550	50.0
	-39	8µH2-K	30	7.9	0.440	540	45.0
	-40	10µH-K	30	7.9	0.605	440	42.0
	-41	12µH-K	50	2.5	1.05	370	36.0
	-42	15µH-K	55	2.5	1.20	310	30.0
	-43	18µH-K	60	2.5	1.95	255	30.0
	-44	22µH-K	60	2.5	2.20	240	24.0
	-45	27µH-K	65	2.5	2.75	205	22.0

Temperature Range: **-55°C to +100°C**

For RoHS Compliant add suffix -LF to the part number
Conforms to BS9751 N001 Pattern E

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**

Dimensions in inches (mm)



Inductance Tolerance Coded Dash Numbers			
-01	±5%	J	To Order
-02	±10%	K	Standard

How to order code

553 - 3635 - XX - XX - 00

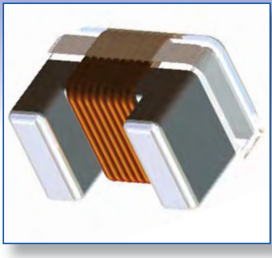
Basic Part No. — Inductance Code — Inductance Tolerance

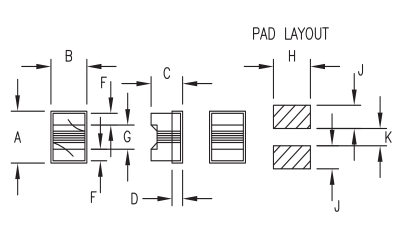
Basic Part No.		Body Marking Inductance & Tolerance	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	Incremental Current (mA)	SRF Min. (MHz)
	-01	1µH0-K	80	7.9	0.070	2100	2100	144
	-02	1µH2-K	80	7.9	0.070	2100	2100	135
	-03	1µH5-K	80	7.9	0.100	1800	1800	117
	-04	1µH8-K	80	7.9	0.130	1650	1650	100
	-05	2µH2-K	80	7.9	0.140	1550	1500	90.0
	-06	2µH7-K	80	7.9	0.180	1450	1450	81.0
	-07	3µH3-K	80	7.9	0.200	1350	1350	72.0
	-08	3µH9-K	80	7.9	0.220	1250	1250	58.0
	-09	4µH7-K	80	7.9	0.250	1250	1250	45.0
	-10	5µH6-K	80	7.9	0.330	1150	1150	40.0
	-11	6µH8-K	80	7.9	0.370	950	950	34.0
	-12	8µH2-K	80	7.9	0.430	900	900	32.0
	-13	10µH-K	80	7.9	0.470	870	870	29.0
	-14	12µH-K	90	2.5	0.500	870	290	32.0
	-15	15µH-K	90	2.5	0.520	850	260	30.0
	-16	18µH-K	90	2.5	0.550	800	240	22.0
	-17	22µH-K	90	2.5	0.600	750	220	20.0
	-18	27µH-K	90	2.5	0.600	720	200	14.0
	-19	33µH-K	90	2.5	0.650	700	185	11.0
	-20	39µH-K	90	2.5	0.700	650	167	10.0
	-21	47µH-K	90	2.5	0.800	630	156	9.00
	-22	56µH-K	85	2.5	0.900	600	142	9.00
	-23	68µH-K	85	2.5	1.10	570	132	8.00
	-24	82µH-K	80	2.5	1.20	550	116	7.50
	-25	mH10-K	80	2.5	1.30	500	110	7.00
	-26	mH12-K	90	0.79	1.40	480	102	6.20
	-27	mH15-K	90	0.79	1.60	450	88.0	5.00
	-28	mH18-K	90	0.79	1.80	430	80.0	4.50
	-29	mH22-K	90	0.79	2.00	430	78.0	4.20
	-30	mH27-K	90	0.79	2.30	380	75.0	4.00
553-3635	-31	mH33-K	90	0.79	2.70	350	68.0	3.70
	-32	mH39-K	90	0.79	3.00	330	62.0	3.40
	-33	mH47-K	90	0.79	3.30	310	56.0	3.00
	-34	mH56-K	80	0.79	3.50	300	51.0	3.00
	-35	mH68-K	80	0.79	4.50	280	46.0	2.80
	-36	mH82-K	80	0.79	7.50	225	42.0	2.50
	-37	1mH0-K	80	0.79	8.50	220	38.0	2.30
	-38	1mH2-K	70	0.25	9.00	200	33.0	2.00
	-39	1mH5-K	70	0.25	9.50	190	28.0	1.80
	-40	1mH8-K	70	0.25	14.0	150	25.0	1.50
	-41	2mH2-K	70	0.25	15.0	150	23.0	1.35
	-42	2mH7-K	70	0.25	17.0	135	21.0	1.25
	-43	3mH3-K	70	0.25	20.0	125	19.0	1.10
	-44	3mH9-K	70	0.25	23.0	120	17.0	1.00
	-45	4mH7-K	70	0.25	27.0	110	16.0	0.90
	-46	5mH6-K	65	0.25	48.0	91	15.0	0.85
	-47	6mH8-K	60	0.25	55.0	86	13.0	0.75
	-48	8mH2-K	60	0.25	70.0	69	12.0	0.72
	-49	10mH-K	60	0.25	75.0	69	11.0	0.70
	-50	12mH-K	40	0.079	80.0	69	10.5	0.60
	-51	15mH-K	40	0.079	95.0	61	9.50	0.50
	-52	18mH-K	40	0.079	110	55	7.50	0.48
	-53	22mH-K	40	0.079	150	49	7.00	0.42
	-54	27mH-K	35	0.079	190	43	6.50	0.39
	-55	33mH-K	35	0.079	220	39	6.00	0.36
	-56	39mH-K	35	0.079	250	37	5.00	0.30
	-57	47mH-K	30	0.079	300	33	4.70	0.27
	-58	56mH-K	30	0.079	350	31	4.30	0.26
	-59	68mH-K	30	0.079	380	30	3.90	0.25
	-60	82mH-K	25	0.079	500	26	3.50	0.21
	-61	H10-K	25	0.079	550	25	3.20	0.19

Temperature Range: **-55^{0}C to +105^{0}C**

For RoHS Compliant add suffix -LF to the part number
Incremental current, decreases inductance by 5%

Dimensions in inches (mm)





Inductance Tolerance Coded Dash Numbers	
B	±0.15nH
S	±0.30nH
G	±2%
J	±5%
K	±10%
M	±20%

Packaging	
555-0402	4,000 pcs per 178mm reel
555-0603/0805	3.000 pcs per 178mm reel
555-1008	2,000 pcs per 178mm reel

How to order code

555 - XXXX - XX - XX - 36

Basic Part No.

Inductance Tolerance

Inductance Code

Basic Part No.		Inductance	Tolerance Available	"Q" Min.	Test Frequency (MHz) Inductance	Test Frequency (MHz) Q	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
555-0402	-1N-0	1.00nH	**K**	69	250	1700	0.045	1360	12700
	-2N-0	2.00nH	J,**K**	75	250	1700	0.700	1040	11100
	-2N-2	2.20nH	J,**K**	100	250	1700	0.070	960	10800
	-2N-7	2.70nH	G,J,**K**	61	250	1700	0.120	640	10400
	-3N-3	3.30nH	G,J,**K**	87	250	1700	0.066	840	7000
	-3N-9	3.90nH	G,J,**K**	75	250	1700	0.066	840	5800
	-4N-7	4.70nH	G,J,**K**	68	250	1700	0.130	640	4700
	-5N-6	5.60nH	G,J,**K**	81	250	1700	0.083	760	4800
	-6N-8	6.80nH	G,J,**K**	78	250	1700	0.083	680	4800
	-8N-2	8.20nH	G,J,**K**	84	250	1700	0.104	680	4400
	-10-N	10.00nH	G,**J**,K	67	250	1700	0.195	480	3900
	-12-N	12.00nH	G,**J**,K	71	250	1700	0.120	640	3600
	-15-N	15.00nH	G,**J**,K	77	250	1700	0.172	560	3280
	-18-N	18.00nH	G,**J**,K	62	250	1700	0.230	420	3100
	-22-N	22.00nH	G,**J**,K	53	250	1700	0.300	400	2800
	-27-N	27.00nH	G,**J**,K	63	250	1700	0.300	400	2480
	-33-N	33.00nH	G,**J**,K	32	250	1700	0.350	400	2350
	-47-N	47.00nH	G,**J**,K	37	250	1700	0.830	150	2100
	-56-N	56.00nH	G,**J**,K	40	250	1700	0.970	100	1760
	-68-N	68.00nH	G,**J**,K	38	250	1700	1.120	100	1620
555-0603	-2N-0	2.00nH	B,**S**	16	250	250	0.080	700	6900
	-3N-9	3.90nH	B,**S**	22	250	250	0.080	700	6900
	-4N-7	4.70nH	B,**S**	20	250	250	0.110	700	5800
	-6N-8	6.80nH	B,J,**K**	30	250	250	0.110	700	5800
	-8N-2	8.20nH	B,J,**K**	30	250	250	0.110	700	4600
	-10-N	10.0nH	G,J,**K**	30	250	250	0.130	700	4800
	-12-N	12.0nH	G,J,**K**	35	250	250	0.130	700	4000
	-15-N	15.0nH	G,J,**K**	35	250	250	0.170	700	4000
	-18-N	18.0nH	G,J,**K**	38	250	250	0.170	700	3100
	-22-N	22.0nH	G,J,**K**	38	250	250	0.220	700	3000
	-27-N	27.0nH	G,J,**K**	40	250	250	0.220	600	2800
	-33-N	33.0nH	G,J,**K**	43	250	250	0.220	600	2300
	-39-N	39.0nH	G,J,**K**	43	250	250	0.250	600	2200
	-4-7N	47.0nH	G,J,**K**	40	200	200	0.280	600	2000
	-56-N	56.0nH	G,J,**K**	40	200	200	0.310	600	1900
	-68-N	68.0nH	G,**J**,K	40	200	200	0.340	600	1700
	-72-N	72.0nH	G,J,K	35	150	150	0.490	400	1700
	-82-N	82.0nH	G,**J**,K	35	150	150	0.540	400	1700
	-R-10	100nH	G,**J**,K	35	150	150	0.630	400	1400
	-R-12	120nH	G,**J**,K	35	150	150	0.650	300	1300
	-R-15	150nH	G,**J**,K	35	150	150	0.920	280	1000
	-R-18	180nH	G,**J**,K	30	100	100	1.25	240	1000
	-R-22	220nH	G,**J**,K	30	100	100	1.70	200	1000
	-R-27	270nH	G,**J** ,K	30	100	100	1.80	170	1000
555-0805	-2N-2	2.20nH	G,J,K,**M**	50	250	1500	0.080	600	6000
	-3N-3	3.30nH	G,J,K,**M**	50	250	1500	0.080	600	6000
	-6N-8	6.80nH	G,J,K,**M**	50	250	1000	0.110	600	5500
	-8N-2	8.20nH	G,J,K,**M**	50	250	1000	0.120	600	4700
	-12-N	12.0nH	G,J,**K**,M	50	250	500	0.150	600	4000
	-15-N	15.0nH	G,J,**K**,M	50	250	500	0.170	600	3400
	-18-N	18.0nH	G,J,**K**,M	50	250	500	0.200	600	3300
	-22-N	22.0nH	G,J,**K**,M	55	250	500	0.220	500	2600
	-27-N	27.0nH	G,J,**K**,M	55	250	500	0.250	500	2500
	-33-N	33.0nH	G,**J**,K,M	60	250	500	0.270	500	2050
	-39-N	39.0nH	G,**J**,K,M	60	250	500	0.290	500	2000

Temperature Range: **-40°C to +125°C**

Preferred tolerance in bold

Devices are RoHS compliant. Inductance drops typically 10% at DC Max.. with a temperature rise of <15°C
Former : Ceramic
Terminals : Super-adhesion molybdenum/manganese with gold over plating

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**

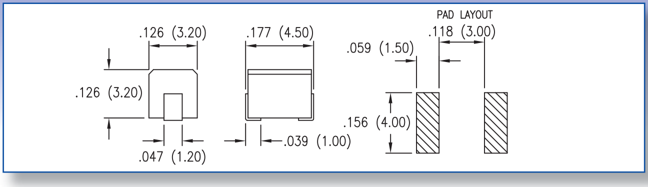
Dimensions in inches (mm)

Basic Part No.		Inductance	Tolerance Available	"Q" Min.	Test Frequency (MHz)		DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
					Inductance	Q			
555-0805	-47-N	47.0nH	G,**J**,K,M	60	200	500	0.310	500	1650
	-56-N	56.0nH	G,**J**,K,M	60	200	500	0.340	500	1550
	-68-N	68.0nH	G,**J**,K,M	60	200	500	0.380	500	1450
	-82-N	82.0nH	G,**J**,K,M	65	150	500	0.420	400	1300
	-R-10	100nH	G,**J**,K,M	65	150	500	0.460	400	1200
	-R-12	120nH	G,**J**,K,M	50	150	250	0.510	400	1100
	-R-15	150nH	G,**J**,K,M	50	100	250	0.560	400	920
	-R-18	180nH	G,**J**,K,M	50	100	250	0.640	400	870
	-R-22	220nH	G,**J**,K,M	40	100	250	0.700	400	850
	-R-27	270nH	G,**J**,K,M	40	100	250	1.10	280	800
	-R-33	330nH	G,**J**,K,M	40	100	250	1.20	260	750
	-R-39	390nH	G,**J**,K,M	40	100	250	1.50	200	700
	-R-47	470nH	G,**J**,K,M	40	100	100	2.50	170	650
	-R-56	560nH	G,**J**,K,M	30	50	50	3.50	170	600
	-R-68	680nH	G,**J**,K,M	30	50	50	4.00	170	550
	-R-82	820nH	G,**J**,K,M	25	50	50	4.40	170	450
	-1-R0	1.00µH	G,**J**,K,M	25	50	50	4.70	150	350
555-1008	-10-N	10.0nH	G,**J**,K	50	50	500	0.080	1000	4100
	-12-N	12.0nH	G,**J**,K	50	50	500	0.090	1000	3300
	-15-N	15.0nH	G,**J**,K	50	50	500	0.110	1000	2500
	-18-N	18.0nH	G,**J**,K	50	50	350	0.110	1000	2500
	-22-N	22.0nH	G,**J**,K	55	50	350	0.120	1000	2400
	-27-N	27.0nH	G,**J**,K	55	50	350	0.130	1000	1600
	-33-N	33.0nH	G,**J**,K	60	50	350	0.140	1000	1600
	-39-N	39.0nH	G,**J**,K	60	50	350	0.150	1000	1500
	-47-N	47.0nH	G,**J**,K	65	50	350	0.160	1000	1500
	-56-N	56.0nH	G,**J**,K	65	50	350	0.180	1000	1300
	-68-N	68.0nH	G,**J**,K	65	50	350	0.200	1000	1300
	-82-N	82.0nH	G,**J**,K	60	50	350	0.220	1000	1000
	-R-10	100nH	G,**J**,K	60	25	350	0.560	650	1000
	-R-12	120nH	G,**J**,K	60	25	350	0.630	650	950
	-R-15	150nH	G,**J**,K	45	25	100	0.700	580	850
	-R-18	180nH	G,**J**,K	45	25	100	0.770	520	700
	-R-22	220nH	G,**J**,K	45	25	100	0.840	500	700
	-R-27	270nH	G,**J**,K	45	25	100	0.910	500	600
	-R-33	330nH	G,**J**,K	45	25	100	1.05	450	570
	-R-39	390nH	G,**J**,K	45	25	100	1.12	470	500
	-R-47	470nH	G,**J**,K	45	25	100	1.19	470	450
	-R-56	560nH	G,**J**,K	45	25	100	1.33	400	415
	-R-62	620nH	G,**J**,K	45	25	100	1.40	300	375
	-R-68	680nH	G,**J**,K	45	25	100	1.47	400	375
	-R-75	750nH	G,**J**,K	45	25	100	1.54	360	360
	-R-82	820nH	G,**J**,K	45	25	100	1.61	400	350
	-R-91	910nH	G,**J**,K	35	25	50	1.68	380	320
	-1R-0	1.00µH	G,**J**,K	35	25	50	1.75	370	290
	-1R-2	1.20µH	G,**J**,K	35	7.9	50	2.00	310	250
	-1R-5	1.50µH	G,**J**,K	28	7.9	50	2.30	330	200
	-1R-8	1.80µH	G,**J**,K	25	7.9	50	2.60	300	150
	-2R-2	2.20µH	G,**J**,K	25	7.9	50	2.80	280	130
	-2R-7	2.70µH	G,**J**,K	22	7.9	25	3.20	290	100
	-3R-3	3.30µH	G,**J**,K	22	7.9	25	3.40	290	80
	-3R-9	3.90µH	G,**J**,K	20	7.9	25	3.60	260	60
	-4R-7	4.70µH	G,**J**,K	15	7.9	25	4.00	260	60
	-5R-6	5.60µH	G,**J**,K	20	7.9	7.9	7.00	200	55
	-6R-8	6.80µH	G,**J**,K	20	7.9	7.9	8.00	180	45
	-8R-2	8.20µH	G,**J**,K	20	7.9	7.9	9.50	150	35
	-10-0	10.0µH	G,**J**,K	20	7.9	7.9	12.0	100	25

Series	A Max.	B Max.	C Max.	D Ref	E	F	G	H	J	K
555-0402	.050 (1.27)	.030 (0.76)	.024 (0.61)	.006 (0.15)	.020 (0.50)	.009 (0.23)	.022 (0.56)	.026 (0.66)	.020 (0.50)	.018 (0.46)
555-0603	.071 (1.80)	.047 (1.20)	.049 (1.25)	.020 (0.50)	.039 (1.00)	.013 (0.33)	.034 (0.860	.040 (1.02)	.025 (0.64)	.025 (0.64)
555-0805	.090 (2.29)	.068 (1.73)	.060 (1.52)	.020 (0.50)	.047 (1.20)	.020 (0.50)	.040 (1.02)	.070 (1.78)	.040 (1.02)	.030 (0.76)
555-1008	.115 (2.92)	.110 (2.79)	.088 (2.23)	.020 (0.50)	.080 (2.03)	.020 (0.50)	.060 (1.52)	.100 (2.54)	.040 (1.02)	.050 (1.27)

Dimensions in inches (mm)

Packaging Code	
-00	Loose
-36	Tape (2,000 per reel)
-38	Tape (500 per reel)



Inductance Tolerance Coded Dash Numbers		
J	±5%	To Order
K	±10%	Standard
M	±20%	To Order

How to order code

555 - 1812 - XXX - X - XX

- Basic Part No.
- Inductance Code
- Inductance Tolerance
- Packaging

Basic Part No.		Inductance	"Q" Min.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
	-R10	0.100µH	35	25.2	0.180	800	300
	-R12	0.120µH	35	25.2	0.200	770	280
	-R15	0.150µH	35	25.2	0.220	730	250
	-R18	0.180µH	35	25.2	0.240	700	220
	-R22	0.220µH	40	25.2	0.250	665	200
	-R27	0.270µH	40	25.2	0.260	635	180
	-R33	0.330µH	40	25.2	0.280	605	165
	-R39	0.390µH	40	25.2	0.300	575	150
	-R47	0.470µH	40	25.2	0.320	545	145
	-R56	0.560µH	40	25.2	0.360	520	140
	-R68	0.680µH	40	25.2	0.400	500	135
	-R82	0.820µH	40	25.2	0.450	475	130
	-1R0	1.00µH	50	7.96	0.500	450	100
	-1R2	1.20µH	50	7.96	0.550	430	80.0
	-1R5	1.50µH	50	7.96	0.600	410	70.0
	-1R8	1.80µH	50	7.96	0.650	390	60.0
	-2R2	2.20µH	50	7.96	0.700	380	55.0
	-2R7	2.70µH	50	7.96	0.750	370	50.0
	-3R3	3.30µH	50	7.96	0.800	355	45.0
	-3R9	3.90µH	50	7.96	0.900	330	40.0
	-4R7	4.70µH	50	7.96	1.00	315	35.0
	-5R6	5.60µH	50	7.96	1.10	300	33.0
	-6R8	6.80µH	50	7.96	1.20	285	27.0
	-8R2	8.20µH	50	7.96	1.40	270	25.0
555-1812	-100	10.0µH	50	2.52	1.60	250	20.0
	-120	12.0µH	50	2.52	2.00	225	18.0
	-150	15.0µH	50	2.52	2.50	200	17.0
	-180	18.0µH	50	2.52	2.80	190	15.0
	-220	22.0µH	50	2.52	3.20	180	13.0
	-270	27.0µH	50	2.52	3.60	170	12.0
	-330	33.0µH	50	2.52	4.00	160	11.0
	-390	39.0µH	50	2.52	4.50	150	10.0
	-470	47.0µH	50	2.52	5.00	140	10.0
	-560	56.0µH	50	2.52	5.50	135	9.00
	-680	68.0µH	50	2.52	6.00	130	9.00
	-820	82.0µH	50	2.52	7.00	120	8.00
	-101	100µH	40	0.796	8.00	110	8.00
	-121	120µH	40	0.796	8.00	110	6.00
	-151	150µH	40	0.796	9.00	105	5.00
	-181	180µH	40	0.796	9.50	102	5.00
	-221	220µH	40	0.796	10.0	100	4.00
	-271	270µH	40	0.796	12.0	92.0	4.00
	-331	330µH	40	0.796	14.0	85.0	3.50
	-391	390µH	40	0.796	18.0	80.0	3.00
	-471	470µH	40	0.796	26.0	62.0	3.00
	-561	560µH	30	0.796	30.0	50.0	3.00
	-681	680µH	30	0.796	30.0	50.0	3.00
	-821	820µH	30	0.796	35.0	30.0	2.50
	-102	1.00mH	20	0.252	40.0	30.0	2.50

Temperature Range: **-40^{0}C to +125^{0}C**

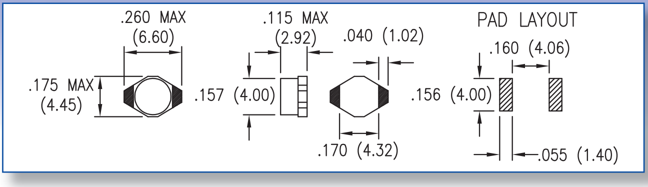
Devices are RoHS compliant
Inductance drops typically 10% at DC Max..

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**

Dimensions in inches (mm)

Packaging

2,500 pcs per 330mm reel



Inductance Tolerance Coded Dash Numbers

K	±10%	To Order
M	±20%	Standard

How to order code

555 - 1608 - XX - XX - 36

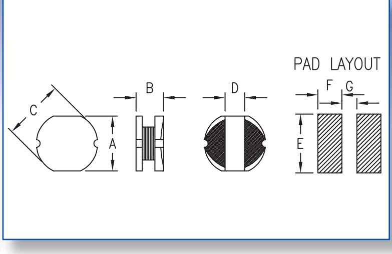
- Basic Part No.
- Inductance Code
- Inductance Tolerance

Basic Part No.		Inductance	Test Frequency (KHz)	DCR Max. (Ω)	DC Max. (A)
	-1R-0	1.00µH	100	0.040	3.0
	-1R-5	1.50µH	100	0.045	2.8
	-2R-2	2.20µH	100	0.050	1.8
	-3R-3	3.30µH	100	0.055	1.6
	-4R-7	4.70µH	100	0.060	1.4
	-6R-8	6.80µH	100	0.065	1.2
	-10-0	10.0µH	100	0.075	1.0
	-15-0	15.0µH	100	0.090	0.80
	-22-0	22.0µH	100	0.110	0.70
	-33-0	33.0µH	100	0.190	0.60
	-47-0	47.0µH	100	0.230	0.50
	-68-0	68.0µH	100	0.290	0.40
555-1608	-10-1	100µH	100	0.480	0.30
	-15-1	150µH	100	0.590	0.26
	-22-1	220µH	100	0.770	0.22
	-33-1	330µH	100	1.40	0.20
	-47-1	470µH	100	1.80	0.19
	-68-1	680µH	100	2.20	0.18
	-10-2	1.00mH	100	3.40	0.15
	-15-2	1.50mH	100	4.20	0.12
	-22-2	2.20mH	100	8.50	0.10
	-33-2	3.30mH	100	11.0	0.08
	4-7-2	4.70mH	100	13.9	0.06
	-68-2	6.80mH	100	25.0	0.04
	-10-3	10.0mH	100	32.8	0.02

Temperature Range: **-40°C to +85°C**

Devices are RoHS compliant
Inductance drops typically 10% at DC Max..
with a temperature rise of 30°C

Dimensions in inches (mm)



Inductance Tolerance Coded Dash Numbers		
K	±10%	To Order
M	±20%	Standard

Packaging	
555-8060/8062	1.500 pcs per 330mm reel
555-8064/8066	1,000 pcs per 330mm reel
555-8068	500 pcs per 330mm reel

How to order code

555 - 80XX - XX - XX - 36

Basic Part No.

Inductance Tolerance

Inductance Code

Basic Part No.		Inductance (µH)	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (A)
555-8060	-1R-0	1.00	7.96	0.033	3.80
	-1R-4	1.40	7.96	0.038	3.30
	-1R-8	1.80	7.96	0.042	2.91
	-2R-2	2.20	7.96	0.047	2.60
	-2R-7	2.70	7.96	0.052	2.43
	-3R-3	3.30	7.96	0.058	2.15
	-3R-9	3.90	7.96	0.076	1.98
	-4R-7	4.70	7.96	0.094	1.70
	-5R-6	5.60	7.96	0.101	1.60
	-6R-8	6.80	7.96	0.117	1.41
	-8R-2	8.20	7.96	0.132	1.26
	-10-0	10.0	2.52	0.182	1.15
	-12-0	12.0	2.52	0.210	1.05
	-15-0	15.0	2.52	0.235	0.920
	-18-0	18.0	2.52	0.338	0.840
	-22-0	22.0	2.52	0.378	0.760
	-27-0	27.0	2.52	0.522	0.710
	-33-0	33.0	2.52	0.540	0.640
	-39-0	39.0	2.52	0.587	0.590
	-47-0	47.0	2.52	0.844	0.540
	-56-0	56.0	2.52	0.937	0.500
	-68-0	68.0	2.52	1.12	0.460
	-82-0	82.0	0.100	1.35	0.450
	-10-1	100	0.100	1.52	0.440
	-12-1	120	0.100	1.80	0.430
	-15-1	150	0.100	2.00	0.420
	-18-1	180	0.100	3.20	0.380
	-22-1	220	0.100	3.40	0.360
	-27-1	270	0.100	3.90	0.340
	-33-1	330	0.100	5.30	0.280
	-39-1	390	0.100	5.90	0.240
	-47-1	470	0.100	6.80	0.210
	-56-1	560	0.100	8.50	0.200
	-68-1	680	0.100	10.0	0.180
	-82-1	820	0.100	13.4	0.150
	-10-2	1000	0.100	15.6	0.140
555-8062	-1R-0	1.00	7.96	0.015	5.90
	-1R-2	1.20	7.96	0.020	5.20
	-1R-5	1.50	7.96	0.025	4.70
	-1R-8	1.80	7.96	0.030	4.00
	-2R-2	2.20	7.96	0.035	3.80
	-2R-7	2.70	7.96	0.040	3.40
	-3R-3	3.30	7.96	0.045	3.30
	-3R-9	3.90	7.96	0.050	2.90
	-4R-7	4.70	7.96	0.060	2.80
	-5R-6	5.60	7.96	0.070	2.40
	-6R-8	6.80	7.96	0.080	2.10
	-8R-2	8.20	7.96	0.090	2.00
	-10-0	10.0	2.52	0.10	1.44
	-12-0	12.0	2.52	0.12	1.40
	-15-0	15.0	2.52	0.14	1.30
	-18-0	18.0	2.52	0.15	1.23
	-22-0	22.0	2.52	0.18	1.11
	-27-0	27.0	2.52	0.20	0.970
	-33-0	33.0	2.52	0.23	0.880
	-39-0	39.0	2.52	0.32	0.800
	-47-0	47.0	2.52	0.37	0.720
	-56-0	56.0	2.52	0.42	0.680
	-68-0	68.0	2.52	0.46	0.610
	-82-0	82.0	2.52	0.60	0.580
	-10-1	100	0.100	0.70	0.520
	-12-1	120	0.100	0.93	0.480
	-15-1	150	0.100	1.1	0.400
	-18-1	180	0.100	1.4	0.380
	-22-1	220	0.100	1.6	0.350
	-27-1	270	0.100	1.7	0.320

Temperature Range: -40°C to +105°C

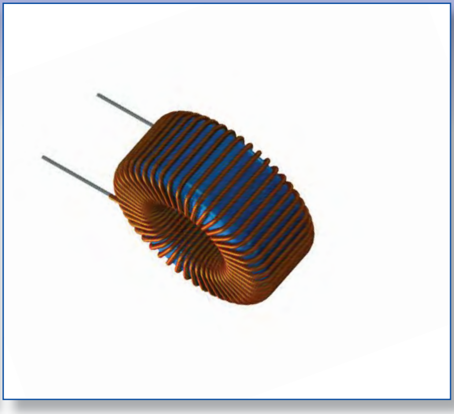
Devices are RoHS compliant
Inductance drops typically 10% at DC Max..
Dimensional Tolerance ± .012 (±0.3)

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**

Basic Part No.		Inductance (µH)	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (A)
555-8062	-33-1	330	0.100	1.7	0.280
	-39-1	390	0.100	1.8	0.260
	-47-1	470	0.100	2.3	0.230
	-56-1	560	0.100	2.5	0.200
	-68-1	680	0.100	3.0	0.190
	-82-1	820	0.100	4.5	0.160
	-10-2	1000	0.100	4.8	0.140
555-8064	-10-0	10.0	2.52	0.080	1.44
	-12-0	12.0	2.52	0.090	1.39
	-15-0	15.0	2.52	0.10	1.24
	-18-0	18.0	2.52	0.11	1.10
	-22-0	22.0	2.52	0.13	1.00
	-27-0	27.0	2.52	0.15	0.900
	-33-0	33.0	2.52	0.17	0.850
	-39-0	39.0	2.52	0.22	0.740
	-47-0	47.0	2.52	0.25	0.680
	-56-0	56.0	2.52	0.28	0.640
	-68-0	68.0	2.52	0.33	0.590
	-82-0	82.0	2.52	0.41	0.540
	-10-1	100	0.100	0.48	0.510
	-12-1	120	0.100	0.54	0.490
	-15-1	150	0.100	0.75	0.400
	-18-1	180	0.100	1.0	0.360
	-22-1	220	0.100	1.2	0.310
	-27-1	270	0.100	1.3	0.290
	-33-1	330	0.100	1.5	0.280
	-39-1	390	0.100	1.8	0.260
	-47-1	470	0.100	2.0	0.230
	-56-1	560	0.100	2.3	0.210
	-68-1	680	0.100	2.7	0.130
	-82-1	820	0.100	3.2	0.110
	-10-2	1000	0.100	3.8	0.080
555-8066	-10-0	10.0	2.52	0.070	2.30
	-12-0	12.0	2.52	0.080	2.00
	-15-0	15.0	2.52	0.090	1.80
	-180	18.0	2.52	0.10	1.60
	-22-0	22.0	2.52	0.11	1.50
	-27-0	27.0	2.52	0.12	1.30
	-33-0	33.0	2.52	0.13	1.20
	-39-0	39.0	2.52	0.16	1.10
	-47-0	47.0	2.52	0.18	1.10
	-56-0	56.0	2.52	0.24	0.940
	-68-0	68.0	2.52	0.28	0.850
	-82-0	82.0	2.52	0.37	0.780
	-10-1	100	0.100	0.43	0.720
	-12-1	120	0.100	0.47	0.660
	-15-1	150	0.100	0.64	0.580
	-18-1	180	0.100	0.71	0.510
	-22-1	220	0.100	0.96	0.490
	-27-1	270	0.100	1.1	0.420
	-33-1	330	0.100	1.3	0.400
	-39-1	390	0.100	1.8	0.360
	-47-1	470	0.100	2.0	0.340
	-56-1	560	0.100	2.0	0.330
	-68-1	680	0.100	2.2	0.320
	-82-1	820	0.100	2.9	0.250
	-10-2	1000	0.100	3.9	0.200
555-8068	-10-0	10.0	2.52	0.060	2.60
	-12-0	12.0	2.52	0.070	2.45
	-15-0	15.0	2.52	0.080	2.27
	-18-0	18.0	2.52	0.090	2.15
	-22-0	22.0	2.52	0.10	1.95
	-27-0	27.0	2.52	0.11	1.76
	-33-0	33.0	2.52	0.12	1.50
	-39-0	39.0	2.52	0.14	1.37
	-47-0	47.0	2.52	0.17	1.28
	-56-0	56.0	2.52	0.19	1.17
	-68-0	68.0	2.52	0.22	1.11
	-82-0	82.0	2.52	0.25	1.00
	-10-1	100	0.100	0.35	0.970
	-12-1	120	0.100	0.40	0.890
	-15-1	150	0.100	0.47	0.780
	-18-1	180	0.100	0.63	0.720
	-22-1	220	0.100	0.73	0.660
	-27-1	270	0.100	0.97	0.570
	-33-1	330	0.100	1.2	0.520
	-39-1	390	0.100	1.3	0.480
	-47-1	470	0.100	1.5	0.420
	-56-1	560	0.100	1.9	0.330
	-68-1	680	0.100	2.3	0.280
	-82-1	820	0.100	2.6	0.240
	-10-2	1000	0.100	3.0	0.200

Series	A	B	Ø C	D	E	F	G
555-8060	.157 (4.00)	.126 (3.20)	.177 (4.50)	.059 (1.50)	.177 (4.50)	.083 (2.10)	.031 (0.80)
555-8062	.205 (5.20)	.177 (4.50)	.228 (5.80)	.079 (2.00)	.217 (5.50)	.089 (2.25)	.059 (1.50)
555-8064	.276 (7.00)	.138 (3.50)	.307 (7.80)	.098 (2.50)	.295 (7.50)	.120 (3.05)	.075 (01.90)
555-8066	.264 (7.00)	.197 (5.00)	.307 (7.80)	.098 (2.50)	.295 (7.500)	.120 (3.05)	.075 (1.90)
555-8068	.354 (9.00)	.213 (5.40)	.394 (10.00	.114 (2.90)	.295 (9.50)	.144 (3.65)	.098 (2.50)

Dimensions in inches (mm)



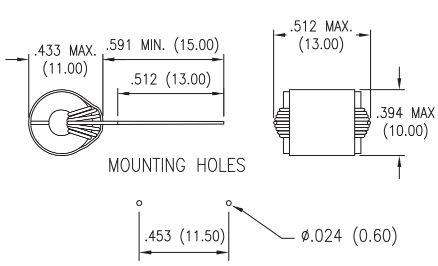


FIG. 1

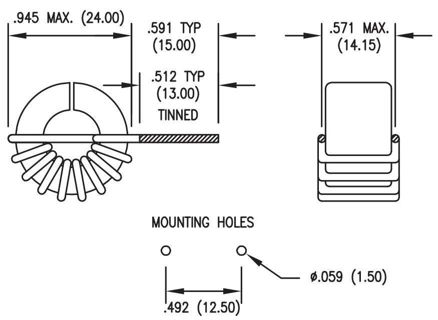


FIG. 2

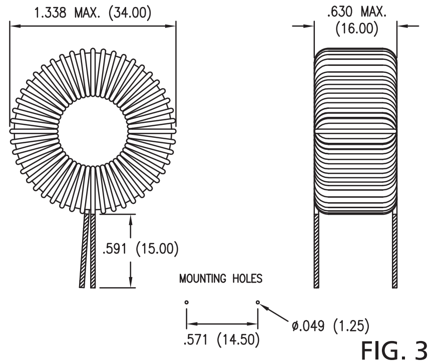


FIG. 3

How to order code

555 - 88XX - XX - 00 - 00

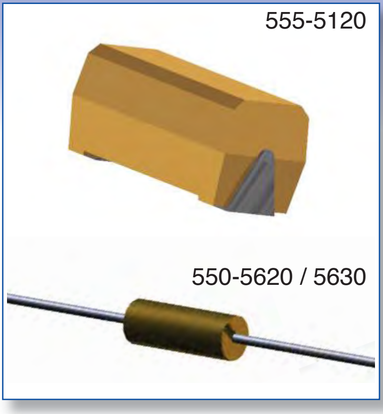
Basic Part No. — **Inductance Code**

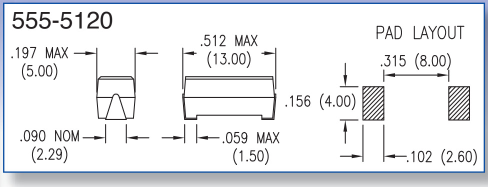
Fig.	Basic Part No.		Inductance Typical	I rated (A)	Test Frequency (KHz)	Saturation Current I_{sat} (A)			DCR Max. (mΩ)
						at -40°C	at +25°C	at +125°C	
1	555-8810	-10	10.0µH	3.5	100	8.00	6.00	5.00	70.0
		-20	20.0µH	3	100	7.50	6.50	4.50	100
		-30	30.0µH	1	100	5.00	4.00	3.25	130
2	555-8820	-10	10.0µH	8	100	9.50	8.50	7.50	10.0
		-20	20.0µH	7	100	8.00	7.50	6.50	15.0
		-30	30.0µH	5	100	6.00	5.25	4.50	25.0
3	555-8830	-10	10.0µH	9.5	100	37.5	37.0	32.0	35.0
		-20	20.0µH	9	100	37.0	36.0	30.0	45.0
		-30	30.0µH	7	100	27.0	25.0	23.0	55.0

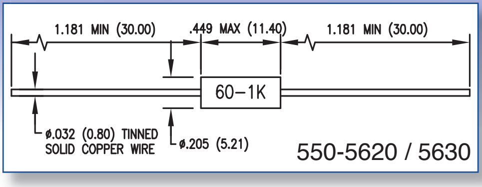
Devices are RoHS compliant
Inductance at I_{rated} is a typical inductance value measured when the inductor is subjected to the rated current
Designed to match Zetex ZXCD series Class-D audio solutions

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**

Dimensions in inches (mm)







Packaging	
-00	Loose
-36	Tape (1,000 per reel)

Inductance Tolerance Coded Dash Numbers		
G	±2%	To Order
J	±5%	Standard
K	±10%	To Order

How to order code

55X - XXXX - XX - XX - XX

- Basic Part No.
- Inductance Code
- Inductance Tolerance
- Packaging

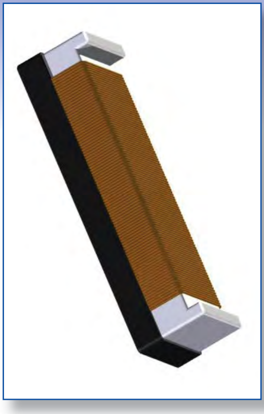
Basic Part No.		Inductance	"Q" min.	Test Frequency (KHz)	SRF min. (KHz)	DCR Max. (Ω)
	-29-1 *	0.29mH	20	125	1000	8.50
	-34-1	0.34mH	20	125	1000	9.30
	-41-1 *	0.41mH	20	125	1000	10.3
	-49-1	0.49mH	20	125	1000	11.4
	-60-1 *	0.60mH	20	125	1000	13.0
	-73-1	0.73mH	20	125	1000	15.0
	-90-1	0.90mH	20	125	1000	17.0
	-11-2 *	1.08mH	20	125	1000	21.0
	-14-2	1.38mH	20	125	1000	22.0
	-16-2 *	1.62mH	20	125	600	25.7
	-19-2	1.97mH	20	125	400	29.2
	-24-2	2.38mH	22	125	400	41.0
555-5120 550-5620 550-5630	-29-2	2.89mH	25	125	400	44.6
	-34-2 *	3.44mH	25	125	400	69.8
	-42-2 *	4.15mH	25	125	350	76.2
	-49-2	4.91mH	25	125	350	87.2
	-60-2 *	6.00mH	25	125	350	99.0
	-72-2 *	7.20mH	25	125	330	130
	-74-2	7.36mH	25	125	300	141
	-90-2 *	9.00mH	22	125	300	310
	-11-3	10.8mH	20	125	300	340
	-14-3 *	13.5mH	20	125	300	360
	-16-3	16.2mH	20	125	300	364
	-20-3 *	19.8mH	20	125	300	462
	-24-3	23.8mH	20	125	300	510

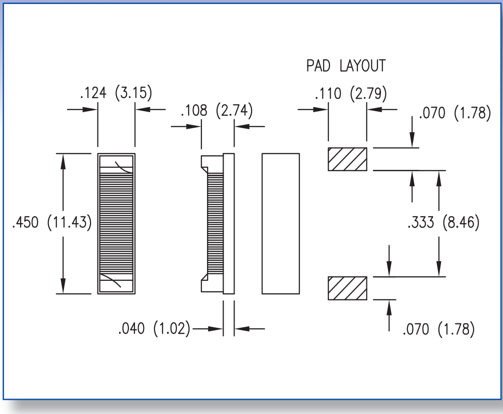
Temperature Range: -55°C to +100°C

Devices are RoHS compliant
555-5120 and 550-5620 series are an over moulded construction 550-5630 are covered with shrink sleeve

*** All asterisked lines feature in the Engineers designer kit (10 off each part), part number 555-5120-00-00-00 moulded surface mount part number 550-5620-00-00-00 moulded through hole, axial part number 550-5630-00-00-00 sleeved through hole, axial**

Dimensions in inches (mm)





Inductance Tolerance Coded Dash Numbers		
J	±5%	Standard
K	±10%	To Order
M	±20%	To Order

How to order code

555 - 5130 - XX - XX - 36

Basic Part No. — Inductance Code — Inductance Tolerance

Basic Part No.		Inductance	"Q" min.	Test Frequency (KHz)	SRF min. (KHz)	DCR Max. (Ω)
555-5130	-40-1	0.40mH	15	125	4500	7.40
	-90-1	0.90mH	15	125	4000	22.0
	-11-2	1.08mH	15	125	4000	25.0
	-20-2	1.97mH	17	125	2400	34.0
	-24-2	2.38mH	17	125	2200	39.0
	-33-2	3.30mH	17	125	1800	51.0
	-41-2	4.15mH	17	125	1700	74.0
	-49-2	4.90mH	17	125	1300	96.0
	-68-2	6.80mH	17	125	1000	112
	-71-2	7.10mH	17	125	1000	115
	-81-2	8.10mH	17	125	960	123

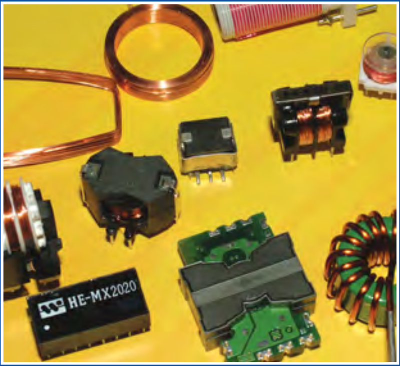
Temperature Range: **-40^{0}C to +85^{0}C**

Devices are RoHS compliant
Supplied on reels of 3,000 pcs on a 330mm reel

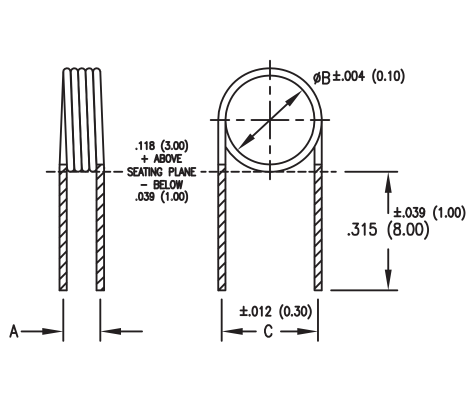
Transformers and custom products

In addition to its standard range of inductive products, Cambion can offer a wide range of transformer types which would be engineered application specific, accommodating power rating from 0.2VA to over 500VA, in through hole, surface mount, open frame and potted styles. Typical application include, DC-DC Converters, AC-DC or DC-AC power supplies.

Additionally Cambion are able to assist with inductive component development, either via a hybrid version of a standard product or to an application specific device requirement. Cambion offers fast turnaround of prototypes to low cost, high volumes via its UK manufacturing activity and Far Eastern associate group facilities.



Dimensions in inches (mm)



How to order code

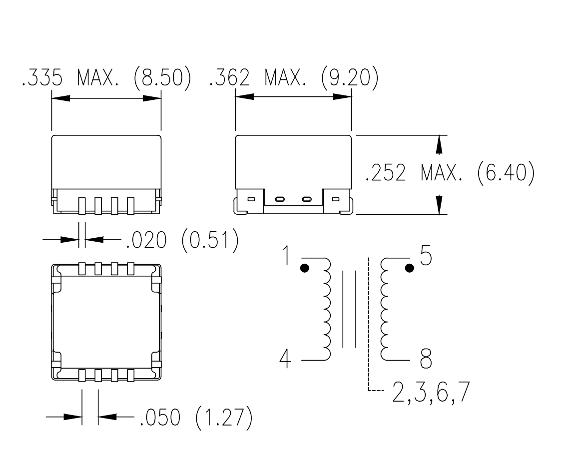
555 - 20XX - XX - 00 - 00

Basic Part No. — Inductance Code

Basic Part No.		Turns	Inductance	Q Min.	Test Frequency (MHz)	DCR (typical)	SRF Min.	Dimension A	Dimension B	Dimension C
555-2030	-03	3½	40.0 nH ±7%	150	100	4.6 mΩ	2.1 GHz	.087 (2.20)	.118 (3.00)	.146 (3.70)
	-04	4½	55.0 nH ±7%	150	100	5.7 mΩ	2.0 GHz	.110 (2.80)	.118 (3.00)	.146 (3.70)
	-05	5½	70.0 nH ±7%	140	100	6.9 mΩ	1.9 GHz	.130 (3.30)	.118 (3.00)	.146 (3.70)
	-06	6½	90.0 nH ±7%	140	100	7.7 mΩ	1.8 GHz	.154 (3.90)	.118 (3.00)	.146 (3.70)
	-07	7½	105 nH ±5%	130	100	9.0 mΩ	1.7 GHz	.174 (4.40)	.118 (3.00)	.146 (3.70)
	-08	8½	120 nH ±5%	130	100	10.1 mΩ	1.6 GHz	.197 (5.00)	.118 (3.00)	.146 (3.70)
	-09	9½	140 nH ±5%	130	100	11.0 mΩ	1.5 GHz	.217 (5.50)	.118 (3.00)	.146 (3.70)
	-10	10½	160 nH ±5%	130	100	11.9 mΩ	1.5 GHz	.240 (6.10)	.118 (3.00)	.146 (3.70)
	-11	11½	175 nH ±5%	120	100	13.0 mΩ	1.4 GHz	.260 (6.60)	.118 (3.00)	.146 (3.70)
	-12	12½	195 nH ±5%	120	100	14.0 mΩ	1.4 GHz	.283 (7.20)	.118 (3.00)	.146 (3.70)
	-13	13½	210 nH ±5%	120	100	15.2 mΩ	1.3 GHz	.303 (7.70)	.118 (3.00)	.146 (3.70)
	-14	14½	230 nH ±5%	120	100	16.3 mΩ	1.3 GHz	.327 (8.30)	.118 (3.00)	.146 (3.70)
	-15	15½	250 nH±5%	110	100	17.4 mΩ	1.2 GHz	.346 (8.80)	.118 (3.00)	.146 (3.70)
	-16	16½	265 nH ±5%	110	100	18.5 mΩ	1.2 GHz	.370 (9.40)	.118 (3.00)	.146 (3.70)
	-17	17½	290 nH ±5%	110	100	19.5 mΩ	1.1 GHz	.390 (9.90)	.118 (3.00)	.146 (3.70)
	-18	18½	305 nH ±3%	100	100	20.4 mΩ	1.1 GHz	.413 (10.5)	.118 (3.00)	.146 (3.70)
	-19	19½	325 nH ±3%	100	100	21.5 mΩ	1.0 GHz	.433 (11.0)	.118 (3.00)	.146 (3.70)
	-20	20½	345 nH ±3%	90	100	22.6 mΩ	1.0 GHz	.457 (11.6)	.118 (3.00)	.146 (3.70)
555-2060	-03	3½	100 nH ±5%	140	50.0	8.0 mΩ	800 MHz	.087 (2.20)	.236 (6.00)	.267 (6.70)
	-04	4½	145 nH ±5%	140	50.0	10.3 mΩ	675 MHz	.110 (2.80)	.236 (6.00)	.267 (6.70)
	-05	5½	195 nH ±5%	140	50.0	11.8 mΩ	575 MHz	.130 (3.30)	.236 (6.00)	.267 (6.70)
	-06	6½	250 nH ±5%	130	50.0	13.6 mΩ	525 MHz	.154 (3.90)	.236 (6.00)	.267 (6.70)
	-07	7½	305 nH ±5%	130	50.0	15.6 mΩ	478 MHz	.174 (4.40)	.236 (6.00)	.267 (6.70)
	-08	8½	360 nH ±5%	130	50.0	17.0 mΩ	425 MHz	.197 (5.00)	.236 (6.00)	.267 (6.70)
	-09	9½	425 nH ±5%	120	50.0	18.9 mΩ	400 MHz	.217 (5.50)	.236 (6.00)	.267 (6.70)
	-10	10½	485 nH ±5%	120	50.0	20.3 mΩ	375 MHz	.240 (6.10)	.236 (6.00)	.267 (6.70)
	-11	11½	550 nH ±5%	120	50.0	22.2 mΩ	350 MHz	.260 (6.60)	.236 (6.00)	.267 (6.70)
	-12	12½	610 nH ±5%	110	50.0	24.1 mΩ	350 MHz	.283 (7.20)	.236 (6.00)	.267 (6.70)
	-13	13½	675 nH ±5%	110	50.0	25.8 mΩ	325 MHz	.303 (7.70)	.236 (6.00)	.267 (6.70)
	-14	14½	740 nH ±5%	110	50.0	28.0 mΩ	325 MHz	.327 (8.30)	.236 (6.00)	.267 (6.70)
	-15	15½	810 nH ±5%	100	50.0	29.7 mΩ	300 MHz	.346 (8.80)	.236 (6.00)	.267 (6.70)
	-16	16½	870 nH ±5%	100	50.0	31.8 mΩ	300 MHz	.370 (9.40)	.236 (6.00)	.267 (6.70)
	-17	17½	940 nH ±5%	100	50.0	33.3 mΩ	300 MHz	.390 (9.90)	.236 (6.00)	.267 (6.70)
	-18	18½	1000 nH ±5%	90	50.0	35.2 mΩ	275 MHz	.413 (10.5)	.236 (6.00)	.267 (6.70)
	-19	19½	1065 nH ±5%	90	50.0	37.0 mΩ	275 MHz	.433 (11.0)	.236 (6.00)	.267 (6.70)
	-20	20½	1130 nH ±5%	80	50.0	38.7 mΩ	250 MHz	.457 (11.6)	.236 (6.00)	.267 (6.70)

Devices are RoHS compliant
Typical I_{DC} 555-2030 series 4Amps.
555-2060 series 2.5Amps
Wire 0.5mm Ø class 200
Leads tinned 96/3.5/0.5 tin/silver/copper

Dimensions in inches (mm)



How to order code

555 - 8005 - XX - 01 - 36

- 555 - 8005: Basic Part No.
- XX: Inductance Code
- 36: Packaging

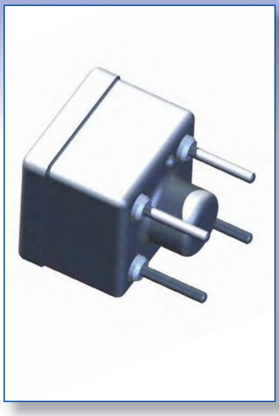
Basic Part No.		INDUCTANCE & TOLERANCE	TEST FREQUENCY (KHz)	DCR Max (W) per winding	CURRENT Max (mA)
555-8005	-01	0.03mH +/-30%	100	0.07	100
	-02	0.11mH +/-30%	100	0.13	100
	-03	0.44mH +/-30%	100	0.26	100
	-04	1.75mH +/-30%	100	0.53	100
	-05	2.73mH +/-30%	100	0.65	100
	-06	3.92mH +/-30%	100	0.78	100
	-07	6.98mH +/-30%	100	1.05	100
	-08	10.90mH +/-30%	100	1.31	100

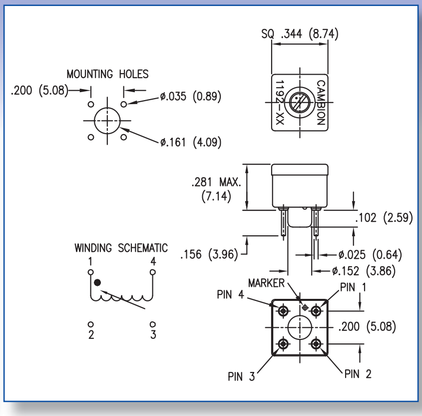
Notes

Core material	Ferrite
Inductance	Measured at 100KHz, 30mV (reading taken at 25˚C ±5˚C)
Terminations	Gold over Nickel underplate and meet the requirements of J-STD-001 and IPC-A-610
Weight	1.0g (typical)
Operating temperature	-51˚C to +85˚C
Storage temperature	-51˚C to +105˚C
Resistance to soldering heat	Maximum of three 20 second reflows at +260˚C, parts cooled to room temperature between cycles
Moisture Sensitivity Level (MAS)	1 (unlimited floor life at <35˚C / 85% relative humidity)
Packaging	500pcs per 13" (330mm) reel. Anti-static 24mm carrier tape
PCB washing	Pure water or alcohol recommended – others to be evaluated by customer
Compliance	RoHS

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**

Dimensions in inches (mm)





Core Material

-01 to -07	Carbonyl SF	(Blue)
-08 to -19	Carbonyl E	(Red)
-20 to -25	Carbonyl C	(Yellow)

How to order code

558 - 1192 - XX - 00 - 00

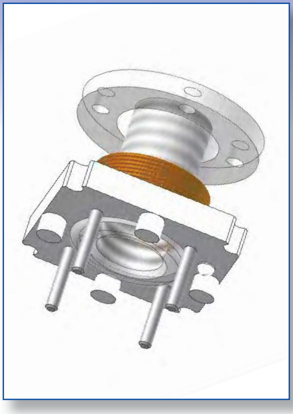
Basic Part No. — Inductance Code

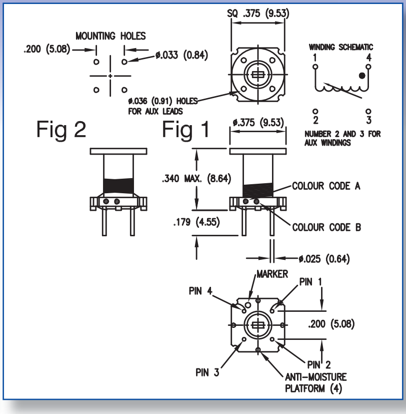
Basic Part No.		Inductance (µH)		"Q" at L Min.	"Q" at L Max.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
		Min.	Max.						
558-1192	-01	0.080	0.120	50	65	25.0	0.050	1300	250
	-02	0.120	0.180	55	70	25.0	0.060	1200	250
	-03	0.180	0.270	55	70	25.0	0.100	1100	250
	-04	0.270	0.390	60	70	25.0	0.120	950	240
	-05	0.390	0.560	60	70	25.0	0.200	700	215
	-06	0.560	0.820	55	60	25.0	0.450	540	180
	-07	0.820	1.20	50	45	25.0	0.500	450	146
	-08	1.20	1.80	35	40	7.9	0.700	375	120
	-09	1.80	2.70	40	45	7.9	1.00	300	100
	-10	2.70	3.90	40	45	7.9	1.50	230	81.0
	-11	3.90	5.60	30	40	7.9	1.70	230	43.0
	-12	5.60	8.20	25	40	7.9	1.90	210	32.0
	-13	8.20	12.0	25	40	7.9	2.00	200	17.5
	-14	12.0	18.0	35	50	2.5	2.70	180	17.0
	-15	18.0	27.0	40	50	2.5	3.50	160	13.0
	-16	27.0	39.0	40	50	2.5	4.50	150	11.0
	-17	39.0	56.0	40	50	2.5	5.50	140	9.0
	-18	56.0	82.0	40	50	2.5	6.50	130	8.00
	-19	82.0	120	40	40	2.5	10.0	120	6.50
	-20	120	180	25	30	0.79	14.0	80.0	5.50
	-21	180	270	25	30	0.79	20.0	75.0	4.00
	-22	270	390	25	30	0.79	28.0	70.0	3.20
	-23	390	560	25	30	0.79	38.0	60.0	2.80
	-24	560	820	25	30	0.79	48.0	50.0	2.40
	-25	820	1200	25	30	0.79	65.0	40.0	1.90

Temperature Range: -55^0C to $+125^0$C

For RoHS Compliant add suffix -LF to the part number
Windings are varnish impregnated and powdered iron cores are moisture proofed
Recommended tuning tool 435-1880-01-00-00

Dimensions in inches (mm)





Core Material
-01 to -13 Carbonyl J (Green)
-14 to -49 Carbonyl E (Red)
-50 to -73 Carbonyl C (Yellow)

How to order code

556 - 7105 - XX - 00 - 00

Basic Part No. — Inductance Code

Fig.	Basic Part No.		Inductance (µH)		Colour Code		"Q" at L Min.	"Q" at L Max.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
			Min.	Max.	A	B						
1	556-7105	-01	0.090	0.110	Brown	-	60	70	25.0	0.030	487	550
		-02	0.108	0.132	Red	-	60	70	25.0	0.047	300	475
		-03	0.132	0.165	Orange	-	60	70	25.0	0.040	400	430
		-04	0.162	0.198	Yellow	-	65	75	25.0	0.044	400	350
		-05	0.198	0.242	Green	-	65	75	25.0	0.055	400	330
		-06	0.242	0.297	Blue	-	65	75	25.0	0.057	400	330
		-07	0.297	0.363	Violet	-	60	70	25.0	0.143	200	310
		-08	0.352	0.431	Grey	-	60	70	25.0	0.132	200	250
		-09	0.422	0.516	White	-	60	70	25.0	0.198	200	230
		-10	0.502	0.620	Brown	Black	65	70	25.0	0.176	126	220
		-11	0.612	0.748	Brown	Brown	65	65	25.0	0.198	126	200
		-12	0.738	0.904	Brown	Red	65	70	25.0	0.220	126	180
		-13	0.900	1.10	Brown	Orange	65	70	25.0	0.242	126	170
		-14	1.08	1.32	Brown	Yellow	50	50	7.9	0.270	126	150
		-15	1.32	1.65	Brown	Green	50	50	7.9	0.400	100	140
		-16	1.62	1.98	Brown	Blue	50	50	7.9	0.520	81	130
		-17	1.98	2.42	Brown	Violet	50	50	7.9	0.560	81	110
		-18	2.43	2.97	Brown	Grey	50	50	7.9	0.650	81	100
		-19	2.97	3.63	Brown	White	50	55	7.9	0.800	64	90.0
		-20	3.52	4.31	Red	Black	55	55	7.9	1.00	64	80.0
		-21	4.22	5.16	Red	Brown	55	55	7.9	1.36	49	85.0
		-22	5.02	6.20	Red	Red	55	55	7.9	1.70	49	70.0
		-23	6.12	7.48	Red	Orange	55	55	7.9	2.00	38	65.0
		-24	7.38	9.04	Red	Yellow	55	55	7.9	2.40	38	55.0
		-25	9.00	11.0	Red	Green	55	55	7.9	3.00	31	50.0
2	556-7105	-26	10.5	11.5	Red	Blue	55	55	2.5	1.75	48	16.0
		-27	11.4	12.6	Red	Violet	55	60	2.5	1.77	48	15.0
		-28	12.3	13.9	Red	Grey	55	60	2.5	1.79	48	15.0
		-29	13.9	15.8	Red	White	55	60	2.5	1.82	48	14.0
		-30	15.2	17.1	Orange	Black	55	60	2.5	1.92	48	13.0
		-31	17.1	18.9	Orange	Brown	55	60	2.5	2.02	48	12.0
		-32	18.9	21.0	Orange	Red	55	60	2.5	2.10	48	12.0
		-33	20.9	23.1	Orange	Orange	55	60	2.5	2.20	48	11.0
		-34	22.8	25.7	Orange	Yellow	55	60	2.5	2.40	48	11.0
		-35	25.7	28.3	Orange	Green	55	60	2.5	2.60	48	11.0
		-36	28.3	31.5	Orange	Blue	55	60	2.5	2.70	48	11.0
		-37	31.4	34.5	Orange	Violet	55	60	2.5	2.80	48	11.0

Temperature Range: **-55^0C to $+105^0$C**

For RoHS Compliant add suffix -LF to the part number
Windings are varnish impregnated and powdered iron cores are moisture proofed
Recommended tuning tool 435-1522-01-00-00

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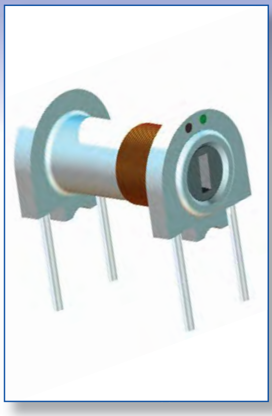
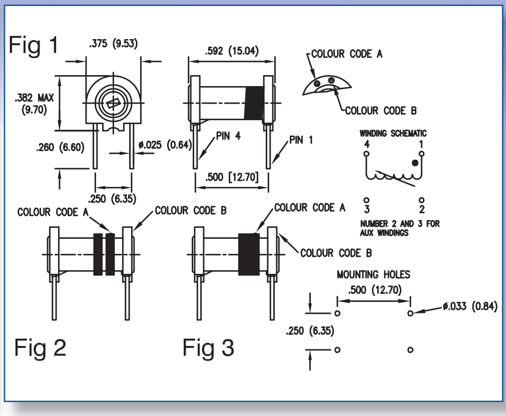
Fig.	Basic Part No.		Inductance (μH)		Colour Code		"Q" at L Min.	"Q" at L Max.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
			Min.	Max.	A	B						
2	556-7105	-38	34.2	37.8	Orange	Grey	55	60	2.5	3.00	48	10.0
		-39	37.1	40.9	Orange	White	55	60	2.5	3.20	48	10.0
		-40	40.8	45.2	Yellow	Black	55	60	2.5	3.40	48	9.50
		-41	44.6	48.5	Yellow	Brown	55	60	2.5	3.50	48	9.50
		-42	48.5	53.5	Yellow	Red	55	60	2.5	3.65	48	9.00
		-43	53.2	58.8	Yellow	Orange	55	60	2.5	4.00	48	9.00
		-44	58.9	65.1	Yellow	Yellow	55	60	2.5	4.20	48	8.50
		-45	64.6	71.4	Yellow	Green	55	60	2.5	4.30	48	8.50
		-46	70.3	77.7	Yellow	Blue	55	60	2.5	4.50	48	8.00
		-47	77.7	86.5	Yellow	Violet	55	60	2.5	4.80	48	8.00
		-48	86.5	95.5	Yellow	Grey	50	55	2.5	5.00	48	7.50
		-49	95.0	105	Yellow	White	50	55	2.5	5.20	48	7.00
		-50	105	115	Green	Black	50	55	0.79	5.70	48	6.50
		-51	114	126	Green	Brown	50	55	0.79	6.30	48	6.00
		-52	123	140	Green	Red	50	55	0.79	6.60	48	5.50
		-53	140	158	Green	Orange	55	65	0.79	7.10	48	5.50
		-54	152	171	Green	Yellow	55	65	0.79	7.50	48	5.00
		-55	171	189	Green	Green	55	65	0.79	8.00	48	5.00
		-56	189	210	Green	Blue	60	70	0.79	8.40	48	5.00
		-57	209	231	Green	Violet	60	70	0.79	8.70	48	4.50
		-58	228	254	Green	Grey	60	70	0.79	9.10	48	4.50
		-59	254	283	Green	White	40	45	0.79	9.50	64	5.50
		-60	283	315	Blue	Black	40	45	0.79	10.7	64	5.00
		-61	314	345	Blue	Brown	40	45	0.79	11.5	64	4.50
		-62	342	378	Blue	Red	40	45	0.79	13.8	49	4.50
		-63	371	409	Blue	Orange	40	45	0.79	15.0	49	4.00
		-64	408	452	Blue	Yellow	40	45	0.79	16.0	49	4.00
		-65	452	494	Blue	Green	40	45	0.79	16.8	49	3.50
		-66	485	535	Blue	Blue	40	45	0.79	17.5	49	3.50
		-67	532	588	Blue	Violet	40	45	0.79	18.0	49	3.00
		-68	589	651	Blue	Grey	40	45	0.79	23.0	38	3.00
		-69	646	714	Blue	White	40	45	0.79	24.0	38	3.00
		-70	703	777	Violet	Black	40	45	0.79	25.0	38	3.00
		-71	777	865	Violet	Brown	45	50	0.79	33.0	31	2.50
		-72	865	955	Violet	Red	45	50	0.79	34.0	31	2.00
		-73	950	1050	Violet	Orange	45	50	0.79	35.0	31	2.00

Dimensions in inches (mm)





Core Material

-01 to -18	Carbonyl SF	(Blue)
-19 to -37	Carbonyl E	(Red)
-38 to -61	Carbonyl C	(Yellow)

How to order code

556 - 7120 - XX - 00 - 00

Basic Part No. — Inductance Code

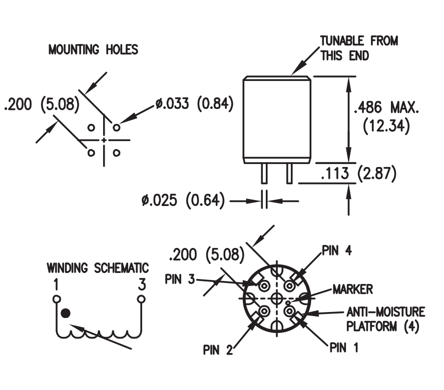
Fig.	Basic Part No.		Inductance (µH) Min.	Inductance (µH) Max.	Colour Code A	Colour Code B	"Q" at L Min.	"Q" at L Max.	Test Frequency (MHz)	DCR Max.. (Ω)	SRF Min.. (MHz)
		-01	0.095	0.105	Brown	-	55	65	25.0	0.015	400
		-02	0.114	0.126	Red	-	55	65	25.0	0.023	370
		-03	0.142	0.158	Orange	-	70	70	25.0	0.025	330
		-04	0.171	0.189	Yellow	-	65	70	25.0	0.050	300
		-05	0.209	0.231	Green	-	75	80	25.0	0.024	280
		-06	0.256	0.284	Blue	-	80	80	25.0	0.025	250
		-07	0.314	0.347	Violet	-	80	85	25.0	0.027	235
		-08	0.370	0.420	Grey	-	85	85	25.0	0.030	220
		-09	0.420	0.520	White	-	85	85	25.0	0.035	200
		-10	0.520	0.610	Brown	Black	85	85	25.0	0.040	180
		-11	0.600	0.740	Brown	Brown	75	70	25.0	0.070	170
		-12	0.710	0.900	Brown	Red	80	85	25.0	0.080	150
		-13	0.890	1.12	Brown	Orange	80	80	25.0	0.100	140
1	556-7120	-14	1.08	1.32	Brown	Yellow	65	60	7.9	0.120	130
		-15	1.32	1.62	Brown	Green	70	70	7.9	0.200	120
		-16	1.62	1.97	Brown	Blue	65	70	7.9	0.350	108
		-17	1.97	2.43	Brown	Violet	60	65	7.9	0.500	95.0
		-18	2.42	2.96	Brown	Grey	60	65	7.9	0.600	88.0
		-19	2.96	3.64	Brown	White	65	65	7.9	0.900	80.0
		-20	3.50	4.27	Red	Black	70	65	7.9	1.00	75.0
		-21	4.24	5.20	Red	Brown	65	65	7.9	1.20	68.0
		-22	5.00	6.30	Red	Red	70	70	7.9	1.40	62.0
		-23	6.10	7.50	Red	Orange	70	70	7.9	1.60	57.0
		-24	7.30	8.90	Red	Yellow	70	70	7.9	2.00	52.0
		-25	8.50	11.5	Red	Green	70	70	7.9	2.20	48.0
		-26	10.8	13.2	Red	Blue	50	55	2.5	2.70	44.0
		-27	13.2	16.5	Red	Violet	40	50	2.5	4.20	40.0
		-28	16.2	19.5	Red	Grey	60	70	2.5	2.20	15.0
		-29	19.5	24.3	Red	White	65	75	2.5	2.40	13.5
		-30	24.2	29.5	Orange	Black	75	80	2.5	2.60	12.0
		-31	29.5	36.5	Orange	Brown	65	75	2.5	2.80	11.5
		-32	35.0	43.0	Orange	Red	65	75	2.5	3.00	10.5
		-33	42.0	51.5	Orange	Orange	65	75	2.5	3.20	9.50
		-34	50.0	62.0	Orange	Yellow	65	75	2.5	3.50	9.00
		-35	61.0	75.0	Orange	Green	60	65	2.5	4.00	8.20
		-36	74.0	90.0	Orange	Blue	65	70	2.5	4.50	7.70
		-37	90.0	110	Orange	Violet	60	65	2.5	5.00	7.00
2	556-7120	-38	108	132	Orange	Grey	65	80	0.79	5.50	6.50
		-39	130	165	Orange	White	70	80	0.79	6.00	6.00
		-40	160	200	Yellow	Black	70	85	0.79	7.00	5.50
		-41	195	245	Yellow	Brown	70	85	0.79	8.00	5.00
		-42	240	300	Yellow	Red	75	85	0.79	10.0	4.60
		-43	295	365	Yellow	Orange	70	85	0.79	15.0	4.20
		-44	350	430	Yellow	Yellow	75	85	0.79	15.0	4.00
		-45	420	520	Yellow	Green	65	70	0.79	22.0	3.70
		-46	500	620	Yellow	Blue	65	70	0.79	24.0	3.50
		-47	600	750	Yellow	Violet	65	70	0.79	26.0	3.20
		-48	740	900	Yellow	Grey	60	65	0.79	30.0	1.60
		-49	900	1100	Yellow	White	65	70	0.79	35.0	1.50
		-50	1050	1350	Green	Black	32	42	0.25	42.0	1.30
		-51	1300	1650	Green	Brown	32	42	0.25	50.0	1.20
		-52	1600	2000	Green	Red	32	42	0.25	67.0	1.10
		-53	1950	2450	Green	Orange	32	42	0.25	78.0	1.00
		-54	2400	3000	Green	Yellow	32	42	0.25	90.0	0.950
3	556-7120	-55	2950	3650	Green	Green	32	42	0.25	105	0.900
		-56	3500	4300	Green	Blue	32	42	0.25	125	0.800
		-57	4200	5150	Green	Violet	34	36	0.25	140	0.750
		-58	5000	6200	Green	Grey	35	40	0.25	170	0.700
		-59	6100	7500	Green	White	35	36	0.25	190	0.650
		-60	7400	9000	Blue	Black	32	32	0.25	220	0.580
		-61	9000	11000	Blue	Brown	32	36	0.25	250	0.500

Temperature Range: **-55^{0}C to +105^{0}C**

For RoHS Compliant add suffix -LF to the part number
Windings are varnish impregnated and powdered iron cores are moisture proofed
Recommended tuning tool 435-1522-01-00-00

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**

Dimensions in inches (mm)



Core and Cup Core Material
-01 to -37 High Q ferrite

How to order code

558 - 3387 - XX - 00 - 00

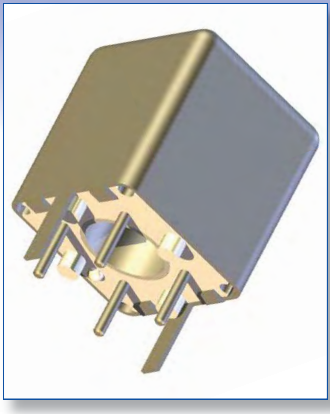
Basic Part No. — Inductance Code

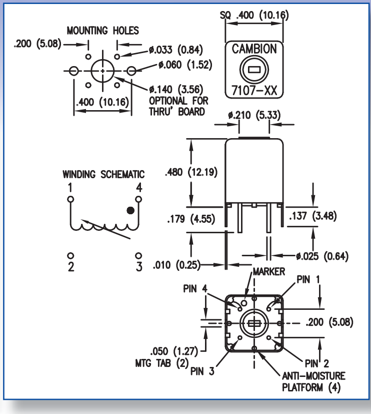
Basic Part No.		Inductance (µH) Min.	Max.	"Q" at L Min.	"Q" at L Max.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
558-3387	-01	1.35	1.65	80	85	7.9	0.100	157	104
	-02	1.65	1.98	80	80	7.9	0.110	157	92.0
	-03	1.98	2.42	80	85	7.9	0.120	157	84.0
	-04	2.43	2.97	80	85	7.9	0.130	157	81.0
	-05	2.97	3.63	80	80	7.9	0.140	157	55.0
	-06	3.51	4.29	85	90	7.9	0.160	157	46.0
	-07	4.25	5.10	85	80	7.9	0.180	157	36.0
	-08	5.10	6.14	85	85	7.9	0.200	157	33.0
	-09	6.14	7.48	100	100	7.9	0.400	64	37.0
	-10	7.40	9.00	85	85	7.9	0.500	64	28.0
	-11	9.00	11.0	80	80	7.9	0.520	64	20.0
	-12	11.0	13.0	75	80	2.5	0.550	64	15.0
	-13	13.5	16.5	85	85	2.5	0.650	64	12.0
	-14	16.5	19.8	65	80	2.5	0.700	64	10.0
	-15	19.8	24.0	70	90	2.5	0.750	64	9.6
	-16	28.0	38.0	65	80	2.5	1.00	64	8.80
	-17	40.0	54.0	65	85	2.5	1.30	64	7.20
	-18	58.0	78.0	60	75	2.5	1.40	64	6.40
	-19	85.0	115	45	60	2.5	1.90	64	4.80
	-20	127	173	55	75	0.79	2.80	64	4.10
	-21	176	263	50	70	0.79	3.20	64	3.70
	-22	263	395	60	85	0.79	4.00	64	3.00
	-23	377	565	45	65	0.79	6.00	48	2.80
	-24	542	820	45	65	0.79	7.50	48	2.30
	-25	800	1200	45	65	0.79	13.0	32	1.90
	-26	1200	1800	35	65	0.25	15.0	25	0.84
	-27	1760	2630	40	65	0.25	20.0	25	0.83
	-28	2630	3950	35	65	0.25	25.0	25	0.810
	-29	3760	5650	35	60	0.25	44.0	16	0.730
	-30	5450	8200	35	55	0.25	55.0	16	0.630
	-31	8000	12000	35	50	0.25	90.0	10.2	0.490
	-32	12000	18000	18	30	0.079	130	10.2	0.360
	-33	17600	26300	15	30	0.079	160	10.2	0.340
	-34	26300	39500	15	25	0.079	240	7.8	0.320
	-35	37600	56500	15	25	0.079	420	5.8	0.230
	-36	54500	82000	15	25	0.079	500	4.8	0.170
	-37	80000	120000	15	25	0.079	940	4	0.180

Temperature Range: **-55^{0}C to +105^{0}C**

For RoHS Compliant add suffix -LF to the part number
Windings are varnish impregnated and ferrite components are moisture proofed
Recommended tuning tool 435-2033-01-00-00

Dimensions in inches (mm)





Core Material

-01 to -13	Carbonyl SF	(Blue)
-14 to -25	Carbonyl TH	(Purple)
-26 to -37	Carbonyl E	(Red)
-38 to -49	Carbonyl C	(Yellow)

How to order code

558 - 7107 - XX - 00 - 00

Basic Part No. (558 - 7107) — Inductance Code (XX)

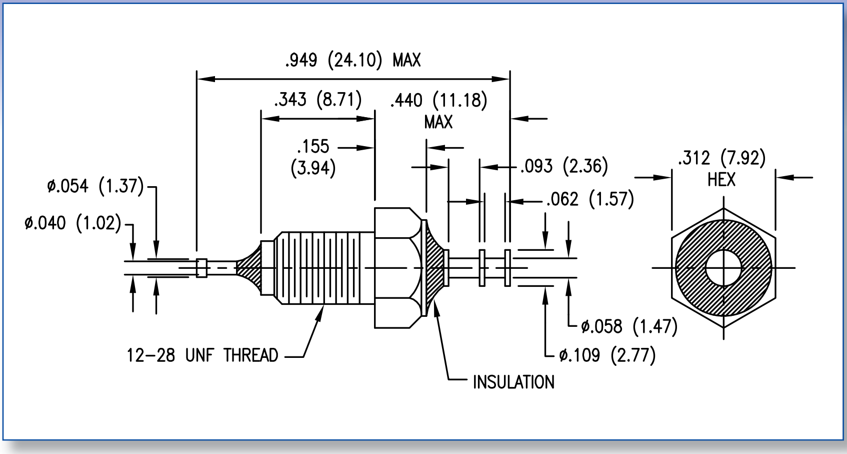
Basic Part No.		Inductance (µH) Min.	Inductance (µH) Max.	"Q" at L Min.	"Q" at L Max.	Test Frequency (MHz)	DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)
	-01	0.090	0.110	65	65	25.0	0.031	2200	250
	-02	0.108	0.136	65	65	25.0	0.034	2100	250
	-03	0.135	0.165	70	70	25.0	0.037	2000	250
	-04	0.162	0.198	70	70	25.0	0.049	1750	250
	-05	0.198	0.245	70	70	25.0	0.055	1600	250
	-06	0.245	0.297	70	70	25.0	0.061	1500	250
	-07	0.297	0.363	70	70	25.0	0.067	1450	230
	-08	0.351	0.429	70	70	25.0	0.073	1400	220
	-09	0.423	0.517	70	70	25.0	0.080	1350	210
	-10	0.504	0.616	70	70	25.0	0.093	1300	200
	-11	0.612	0.748	70	70	25.0	0.093	1250	173
	-12	0.738	0.902	70	65	25.0	0.100	1200	150
	-13	0.900	1.10	70	65	25.0	0.110	1100	130
	-14	1.08	1.36	55	50	7.9	0.130	1000	120
	-15	1.35	1.65	50	45	7.9	0.140	1000	110
	-16	1.62	1.98	50	40	7.9	0.200	900	100
	-17	1.98	2.45	50	40	7.9	0.260	800	88
	-18	2.43	2.97	50	40	7.9	0.380	700	83
	-19	2.97	3.63	50	45	7.9	0.510	600	78
	-20	3.51	4.29	50	45	7.9	0.700	500	71
	-21	4.23	5.17	50	50	7.9	0.880	400	64
	-22	5.04	6.16	50	50	7.9	1.30	360	58
	-23	6.12	7.48	55	55	7.9	1.70	280	52
	-24	7.38	9.02	55	55	7.9	1.90	270	46
558-7107	-25	9.00	11.0	55	55	7.9	2.00	260	40
	-26	10.8	13.6	55	60	2.5	2.10	255	11
	-27	13.5	16.5	60	70	2.5	2.20	250	10
	-28	16.2	19.8	60	70	2.5	2.30	240	9.5
	-29	19.8	24.5	65	70	2.5	2.50	230	9.0
	-30	24.3	29.7	65	70	2.5	2.70	220	8.5
	-31	29.7	36.3	65	70	2.5	3.00	210	8.0
	-32	35.1	42.9	60	65	2.5	3.50	200	7.5
	-33	42.3	51.7	55	60	2.5	3.60	190	6.4
	-34	50.4	61.6	50	55	2.5	4.00	180	5.7
	-35	61.2	74.8	50	55	2.5	4.30	170	4.9
	-36	73.8	90.2	45	50	2.5	6.40	160	4.6
	-37	90.0	110	45	45	2.5	8.50	150	4.3
	-38	108	136	45	50	0.79	9.30	145	3.8
	-39	135	165	50	60	0.79	10.0	140	3.5
	-40	162	198	50	60	0.79	11.0	130	3.3
	-41	198	245	50	60	0.79	12.0	120	3.1
	-42	243	297	50	55	0.79	22.0	90	2.9
	-43	297	363	45	50	0.79	23.0	85	2.7
	-44	351	429	45	50	0.79	26.0	80	2.3
	-45	423	517	40	45	0.79	28.0	75	1.9
	-46	504	616	35	45	0.79	33.0	65	1.7
	-47	612	748	35	40	0.79	39.0	60	1.5
	-48	738	902	30	35	0.79	49.0	55	1.3
	-49	900	1100	30	35	0.79	60.0	55	1.2

Temperature Range: -55^0C to $+105^0$C

For RoHS Compliant add suffix -LF to the part number
Windings are varnish impregnated and powdered iron cores are moisture proofed
Recommended tuning tool 435-1522-01-00-00

Call our dedicated order line on **+44 (0) 1433 621555** or visit **www.cambion.com**

Dimensions in inches (mm)



How to order code

560 - 8265 - XX - XX - 00

Basic Part No. — Capacitance Code — Capacitance Tolerance

Capacitance Tolerance Coded Dash Numbers			
-01	±10%	K	To Order
-02	±20%	M	Standard

Material Code Table

Component	Material	Finish
Mounting Stud	Brass	0.5µM over 1.25µM nickel plate
Terminal	Brass	0.5µM over 1.25µM nickel plate
Dielectric	Ceramic	
Insulation	Epoxy	
Lock washer	Phosphor Bronze	0.5µM over 7.5µM nickel plate
Mounting Hex Nut	Brass	0.5µM over 7.5µM nickel plate

Basic Part No.		Capacitance (pF)	Test Frequency (KHz)
560-8265	-27	150.00	1.00
	-31	330.00	1.00
	-33	470.00	1.00
	-35	680.00	1.00
	-37	1000.00	1.00
	-39	1500.00	1.00
	-41	2200.00	1.00

Dielectric Strength: A potential of 250% of rated voltage may be applied for 5 seconds at 25˚C

Terminal strength: a force of 20 lbs. (9.1Kg) exerted in the direction of terminal exceeds the requirements of MIL-C-11015C

Insulation Resistance: >1GΩ @500V DC measured at 25˚C

Working Voltage: 500V DC

Supplied with lock washer and hex nut unassembled

Suggested Mounting Torque: 4inch/lbs. (0.448Nm)

Devices are RoHS compliant

Temperature Coefficient: Maximum capacitance change from 25ºC. Value over the temperature range: -40ºC to +85ºC is +22% -56%

MATERIAL SPECIFICATIONS

Material Specifications

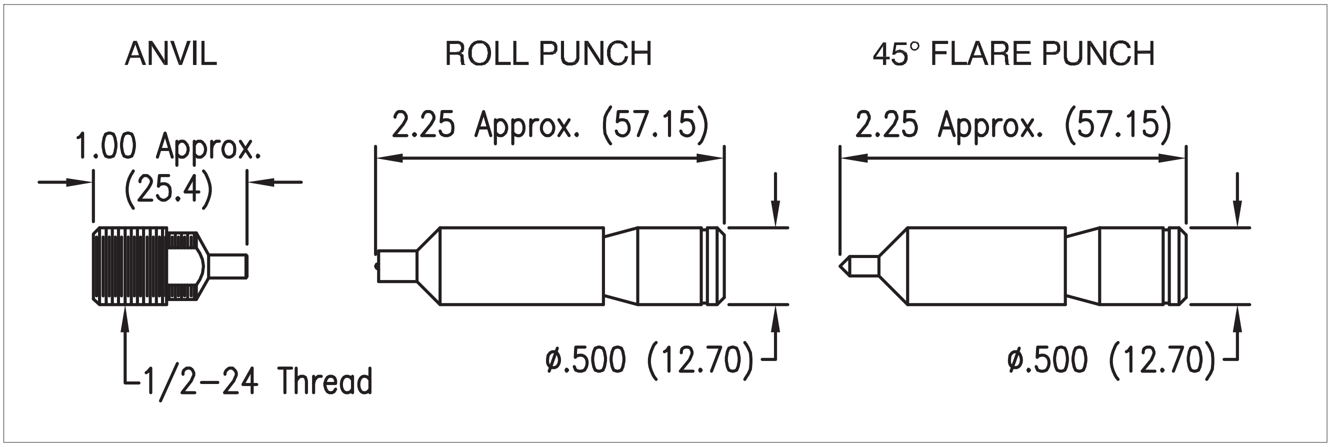
Material	British/European Standard	US Equivalent Standard
Brass	EN 12164 CuZn36Pb3, Half Hard	ASTM-B16 C36000
Brass	EN 12164 CuZn39Pb3, Hard	ASTM-B16 C38500
Brass Tubing	EN 12449 CuZn36Pb2, Half Hard	ASTM-B135 C33200
Red Leaded Brass	n/a	ASTM-B140 C31400
Tellurium Copper	EN 12164 CuTeP	ASTM-B301 C14500
Beryllium Copper	EN 12164 CuBe2	ASTM-B194 C17200
PTFE	BS EN ISO 13000	ASTM-D1710
Nylon	BS 7029	ASTM-D4066
Polyolefin Tubing	EN 60684	SAE-AMS-DTL-23053
Ceramic	n/a	MIL-I-10 L-523-C
Diallyl Phthalate	n/a	MIL-M-14F Grade SDG-F
Plating		
Silver	EN 4521	QQ-S-365
Electro-Tin	BS 1872	ASTM-B545
Electro-Solder	BS 6137	SAE-AMS-P-81728
Gold	EN 27874	MIL-DTL-45204
Nickel	EN 12540	SAE-AMS-QQ-N-290
Cadmium	EN 12329	SAE-AMS-QQ-P-416

SWAGING TOOL SELECTION

Where appropriate, the part numbers of recommended swaging tools are specified, and in many cases we offer a choice of Roll Punch or Flare Punch. Generally we recommend a flared swage where the component will be soldered to an etched pad on the swaged side of the board. Roll swaging is commonly used where the component is to be installed on a plain board.

The flared swage is mechanically weak prior to soldering; but after soldering, the solder filllet provides a reliable electrical and mechanical connection. The flare swage is not intended to make the swaged component more than finger tight prior to soldering.

By comparison, the rolled swage is much stronger; however, a void may be formed underneath the swaged collar where flux could be entrapped or air may be present which could cause blowholes if soldered.



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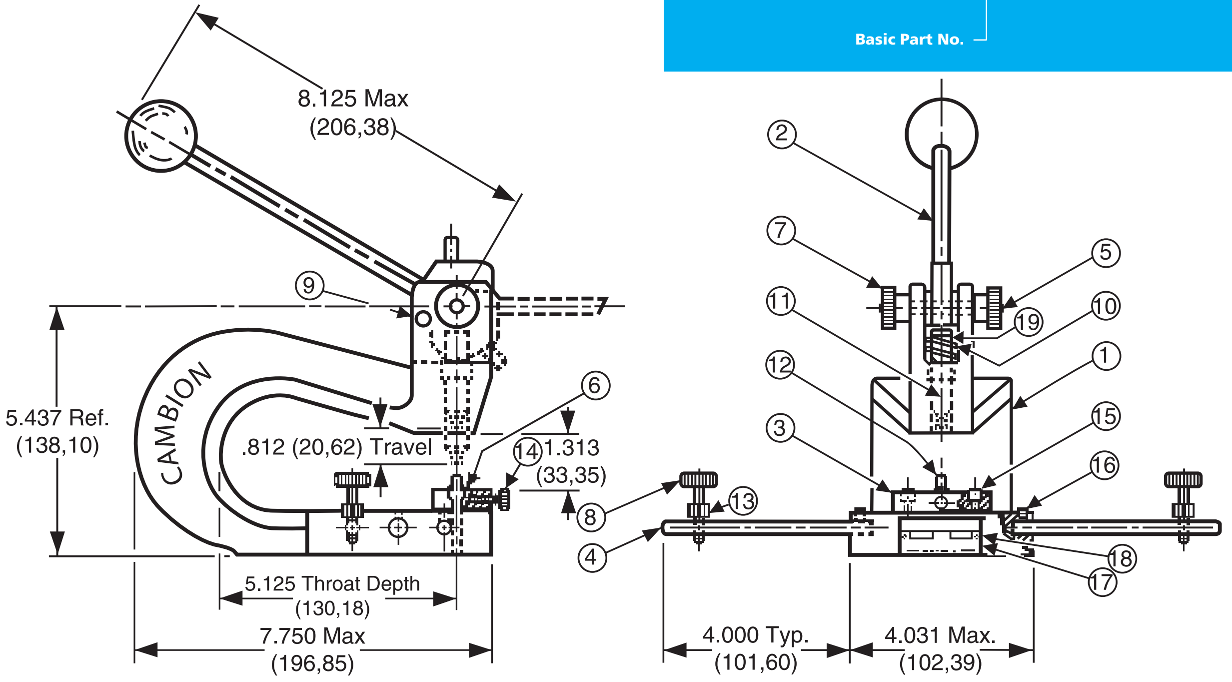


How to order code

435 - 3803 - 01 - 00 - 00

Basic Part No.

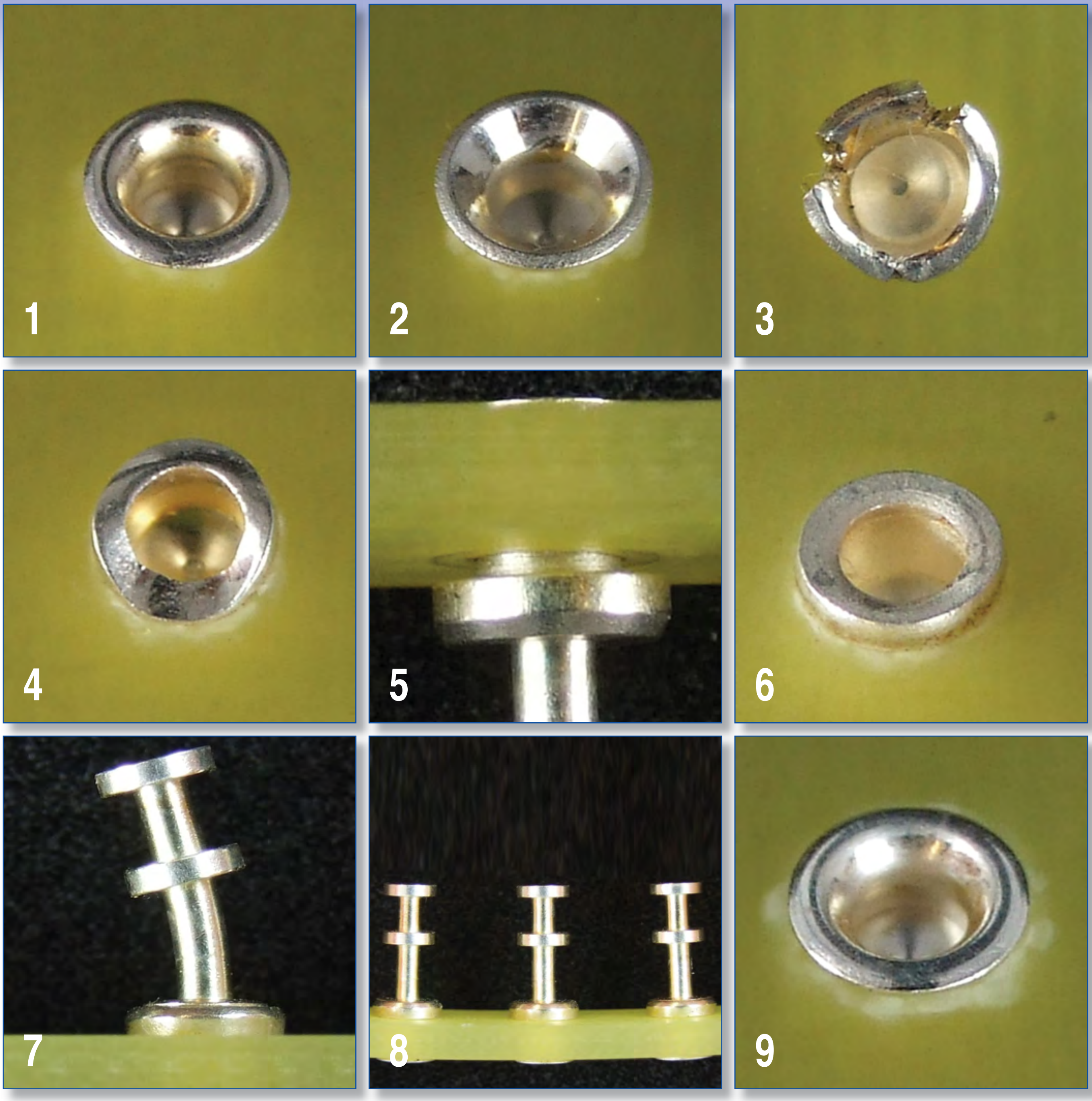
Bench Press Spares

Fig.	Description	Part Number
1	Base, Cast Iron	430-3806-01-00-10
2	Handle Assembly	430-3807-01-00-00
3	Anvil Plate	430-3812-01-07-00
4	Board Support Rod	430-3813-01-07-00
5	Cam Shaft	430-3814-01-00-00
6	Brass Locking Pad	430-3815-03-00-00
7	Domed Hex Nut (was thumb nut) (5/16 - 18)	931-3684-01-29-00
8	Thumb Screw (10 - 24)	330-3817-01-12-00
9	Spring Pin	315-3811-01-00-00
10	Compression Spring	345-3818-01-00-00
11	Punch	See product pages for part number
12	Anvil	See product pages for part number
13	Thumb Nut (10 - 24)	310-3829-01-12-00
14	Set Screw	330-1914-01-12-00
15	Machined Socket Head Screw (8 - 32)	330-0176-07-12-00
16	Set Screw (8 - 32)	330-1914-01-12-00
17	Name Plate	610-5579-01-00-00
18	Drive Screw (No. 4)	330-3820-01-00-00
19	Retaining Ring	345-3821-01-00-00
20	Tool Kit	390-0081-01-00-00

Tool installation instructions - Stage Instruction

1. Loosen screws (15) in anvil plate (3)
2. Install anvil (12) in anvil plate (3)
3. Remove domed hex nuts (were thumb nuts) (7), cam shaft (5) and handle assembly (2)
4. Install retaining ring (19) on punch (11)
5. Install punch, inserting through compression spring (10)
6. Reassemble handle assembly (2), cam shaft (5) and domed hex nut (were thumb nuts) (7)
7. Bring handle forward so that punch (11) touches anvil (12)
8. Line up punch and anvil by moving anvil plate (3)
9. Lock anvil plate in place by tightening screws (15)
10. Adjust anvil height by screwing into anvil plate, so that the clearance between punch and anvil, with handle all the way forward, is slightly less than the thickness of the board to be swaged
11. Lock anvil in place by tightening set screw (14)
12. Properly locate board support rods (4), (if needed) to fit board to be swaged
13. Adjust thumb screws (8) so that the board will be level, and lock in place with thumb nuts (13)

SWAGING EXAMPLES



ITEM	DESCRIPTION	DIAGNOSIS OR CAUSE
1	Good Roll Swage	---------------
2	Good Flare Swage	---------------
3	Flare Swage	Split, due to excessive pressure and wrong tooling
4	Roll Swage	Damaged swage end due to misalignment of anvil and terminal with punch
5	Flare Swage	Insufficient swage due to improper anvil height adjustment
6	Flare Swage	Terminal swollen due to slightly excessive swaging pressure and anvil height adjustment
7	Bent Terminal	Bent terminal due to lifting board from anvil at an angle
8	Bowed Terminal Board	Board bowed during swaging due to undersized mounting holes in board
9	Damaged Board	Board damaged during swaging due to undersize terminal mounting holes and/or improper swaging tools

Mounting Instructions, Drill and Countersink Data

FIGURE 1 A Shank Dia.	FIGURES 2 & 3 B Drill Hole Dia.	C C'Slnk Dia.
.094 (2,39)	.083 (2,11)	.113 (2,87)
.126 (3,20)	.113 (2,87)	.138 (3,51)
.149 (3,78)	.136 (3,45)	.163 (4,14)
.165 (4,19)	.152 (3,86)	.178 (4,52)
.172 (4,37)	.158 (4,01)	.178 (4,52)
.185 (4,70)	.172 (4,37)	.198 (5,03)
.216 (5,49)	.203 (5,16)	.238 (6,05)

FIGURE 1

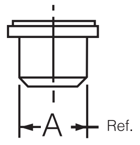
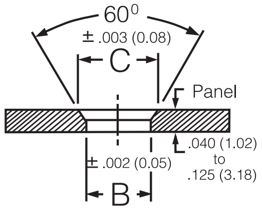
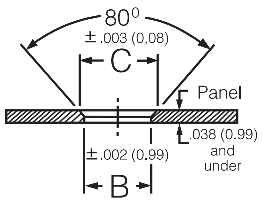


FIGURE 2



*Consult factory for greater panel thickness recommendations

FIGURE 3



MOUNTING PROCEDURE (unless otherwise noted)

Step 1. Drill through-hole and countersink panel according to panel thickness, Figure 2 & 3, see table above.

Step 2. Using an arbor type tool in a suitable press.

Step 3. Press part into centre of panel mounting hole until shoulder of Teflon insulator is fully seated against panel, Figure 4. Raise tool and the job is complete.

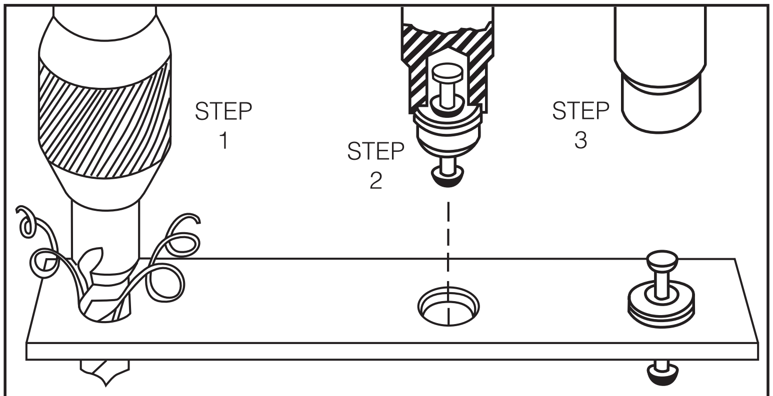


FIGURE 4

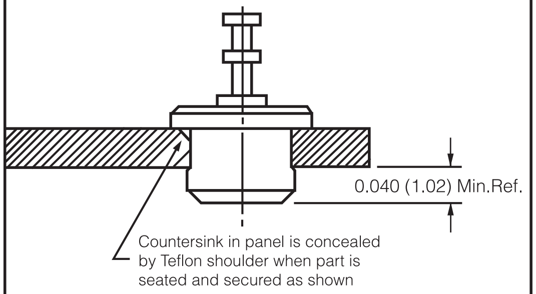


FIGURE 5

Insulated terminal tooling 435-3939-XX consult factory

Part No.	Anvil	Roll Punch	Flare Punch	Four Point Punch	Insertion Tool	Spinning Tool	Crimping Pliers
120-1011-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
120-1012-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
120-1013-XX-XX-00	435-6447-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
120-1014-XX-XX-00	435-6447-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
120-1030-XX-XX-00	435-6461-01-00-00	435-6618-01-00-00					
120-1031-XX-XX-00	435-6420-01-00-00	435-6626-01-00-00					
120-1032-XX-XX-00	435-6462-01-00-00	435-6619-01-00-00					
120-1132-XX-XX-00	435-6479-01-00-00	435-6673-01-00-00	435-6692-01-00-00				
120-1133-XX-XX-00	435-6479-01-00-00	435-6673-01-00-00	435-6692-01-00-00				
120-1134-XX-XX-00	435-6479-01-00-00	435-6673-01-00-00	435-6692-01-00-00				
120-1366-XX-XX-00	435-6499-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
120-1372-XX-XX-00	435-6458-01-00-00	435-6611-01-00-00	435-6657-01-00-00				
120-2081-XX-XX-00	435-6422-01-00-00	435-6622-01-00-00					
120-5212-02-XX-00	435-6807-01-00-00	435-6695-01-00-00					
140-1010-XX-XX-00	435-6445-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
140-1018-XX-XX-00	435-6493-01-00-00	435-6629-01-00-00	435-6657-01-00-00				
140-1019-XX-XX-00	435-6449-01-00-00	435-6629-01-00-00	435-6657-01-00-00				
140-1025-XX-XX-00	435-6454-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
140-1027-XX-XX-00	435-6442-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
140-1028-XX-XX-00	435-6487-01-00-00	435-6617-01-00-00	435-6657-01-00-00				
140-1385-11/01-XX-00	435-6412-01-00-00	435-6611-01-00-00	435-6657-01-00-00				
140-1385-02/03/04-XX-00	435-6412-01-00-00	435-6611-01-00-00	435-6692-01-00-00				
140-1578-XX-XX-00	435-6409-01-00-00	435-6609-01-00-00	435-6664-01-00-00				
140-1782-XX-XX-00	435-6424-01-00-00	435-6613-01-00-00	435-6664-01-00-00				
140-1783-XX-XX-00	435-6424-01-00-00	435-6613-01-00-00	435-6664-01-00-00				
140-1784-XX-XX-00	435-6418-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
140-1785-XX-XX-00	435-6412-01-00-00	435-6611-01-00-00	435-6692-01-00-00				
140-1937-XX-XX-00	435-6418-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
140-1941-XX-XX-00	435-6412-01-00-00	435-6617-01-00-00	435-6657-01-00-00				
140-1969-XX-XX-00	435-6402-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
140-2089-XX-XX-00	435-6423-01-00-00	435-6629-01-00-00	435-6657-01-00-00				
140-2187-XX-XX-00	435-6436-01-00-00	435-6636-01-00-00					
160-1026-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
160-1035-XX-XX-00	435-6432-01-00-00	435-6656-01-00-00					
160-1040-XX-XX-00	435-6447-01-00-00	435-6652-01-00-00					
160-1041-XX-XX-00	435-6447-01-00-00	435-6658-01-00-00					
160-1042-XX-XX-00	435-6447-01-00-00	435-6658-01-00-00					
160-1043-XX-XX-00	435-6447-01-00-00	435-6658-01-00-00					
160-1058-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
160-1081-XX-XX-00	435-6438-01-00-00	435-6606-01-00-00					
160-1245-XX-XX-00	435-6401-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
160-1457-XX-XX-00	435-6446-01-00-00	435-6603-01-00-00	435-6663-01-00-00				
160-1463-XX-XX-00	435-6405-01-00-00	435-6684-01-00-00					
160-1464-XX-XX-00	435-6405-01-00-00	435-6684-01-00-00					
160-1512-XX-XX-00	435-6404-01-00-00	435-6611-01-00-00	435-6692-01-00-00				
160-1513-XX-XX-00	435-6401-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
160-1520-XX-XX-00	435-6401-01-00-00	435-6623-01-00-00					
160-1548-XX-XX-00	435-6401-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
160-1558-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
160-1579-XX-XX-00	435-6406-01-00-00	435-6606-01-00-00					
160-1597-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
160-1604-11/01-XX-00	435-6411-01-00-00	435-6611-01-00-00	435-6657-01-00-00				
160-1604-02/03-XX-00	435-6411-01-00-00	435-6611-01-00-00	435-6692-01-00-00				
160-1620-XX-XX-00	435-6431-01-00-00	435-6669-01-00-00					
160-1724-XX-XX-00	435-6451-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
160-1797-XX-XX-00	435-6451-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
160-1798-XX-XX-00	435-6407-01-00-00	435-6607-01-00-00	435-6664-01-00-00				
160-2000-XX-XX-00	435-6430-01-00-00	435-6654-01-00-00					

Part No.	Anvil	Roll Punch	Flare Punch	Four Point Punch	Insertion Tool	Spinning Tool	Crimping Pliers
160-2004-XX-XX-00	435-6430-01-00-00	435-6654-01-00-00					
160-2027-XX-XX-00	435-6419-01-00-00	435-6617-01-00-00	435-6657-01-00-00				
160-2034-XX-XX-00	435-6447-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
160-2040-XX-XX-00	435-6420-01-00-00	435-6618-01-00-00					
160-2041-XX-XX-00	435-6420-01-00-00	435-6617-01-00-00					
160-2042-XX-XX-00	435-6420-01-00-00	435-6618-01-00-00					
160-2043-XX-XX-00	435-6420-01-00-00	435-6617-01-00-00					
160-2044-XX-XX-00	435-6420-01-00-00	435-6618-01-00-00					
160-2080-XX-XX-00	435-6404-01-00-00	435-6604-01-00-00	435-6663-01-00-00				
160-2084-XX-XX-00	435-6401-01-00-00	435-6601-01-00-00	435-6663-01-00-00				
160-2085-XX-XX-00	435-6429-01-00-00	435-6629-01-00-00	435-6657-01-00-00				
160-2100-11/01-XX-00	435-6411-01-00-00	435-6611-01-00-00	435-6657-01-00-00				
160-2100-02/03-XX-00	435-6411-01-00-00	435-6611-01-00-00	435-6692-01-00-00				
160-2110-XX-XX-00	435-6431-01-00-00	435-6631-02-00-00		435-6631-01-00-00			
160-2141-XX-XX-00	435-6432-01-00-00	435-6420-01-00-00					
160-3653-XX-XX-00	435-6411-01-00-00	435-6611-01-00-00	435-6657-01-00-00				
160-3747-XX-XX-00					435-2985-01-00-00		
180-1460-XX-XX-00	435-6443-01-00-00	435-6642-01-00-00					
180-1461-XX-XX-00	435-6443-01-00-00	435-6642-01-00-00					
180-1462-XX-XX-00	435-6443-01-00-00	435-6642-01-00-00					
180-2750-XX-XX-00	435-6430-01-00-00		435-6657-01-00-00				
180-2751-XX-XX-00	435-6430-01-00-00		435-6692-01-00-00				
180-2752-XX-XX-00	435-6463-01-00-00		435-6692-01-00-00				
180-2753-XX-XX-00	435-6430-01-00-00		435-6657-01-00-00				
180-2754-XX-XX-00	435-6430-01-00-00		435-6657-01-00-00				
180-2755-XX-XX-00	435-6465-01-00-00		435-6692-01-00-00				
180-2926-XX-XX-00	435-6463-01-00-00		435-6692-01-00-00				
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180-7337-XX-XX-00	435-6411-01-00-00		435-6657-01-00-00				
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450-1806-XX-XX-00	435-6808-01-00-00				435-6651-05-00-00		
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450-3324-XX-XX-00	435-6427-01-00-00	435-6656-01-00-00					
450-3367-XX-XX-00							435-5680-01-00-00
450-3375-XX-XX-00	435-6446-01-00-00	435-6654-01-00-00					
450-3378-XX-XX-00							435-5680-01-00-00
450-3394-XX-XX-00	435-6495-01-00-00	435-6642-01-00-00	435-6657-01-00-00				
450-3413-XX-XX-00							435-5680-01-00-00
450-3723-XX-XX-00	435-6532-01-00-00				435-6651-01-00-00		
450-3729-XX-XX-00	435-6532-01-00-00				435-6651-01-00-00		
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450-3983-XX-XX-00	435-6534-01-00-00				435-6651-02-00-00		
450-3998-XX-XX-00	435-6532-01-00-00				435-6651-03-00-00		
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460-1521-XX-XX-00	435-6497-01-00-00	435-6629-01-00-00	435-6690-01-00-00				
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460-1524-XX-XX-00	435-6523-02-00-00		435-6663-01-00-00				

Part No.	Anvil	Roll Punch	Flare Punch	Four Point Punch	Insertion Tool	Spinning Tool	Crimping Pliers
460-2599-XX-XX-00	435-6496-01-00-00		435-6657-01-00-00				
460-2605-XX-XX-00	435-6523-01-00-00	435-6620-01-00-00					
460-2620-XX-XX-00	435-6474-01-00-00		435-6691-01-00-00				
460-2621-XX-XX-00	435-6522-01-00-00		435-6691-01-00-00				
460-2625-XX-XX-00	435-6524-01-00-00		435-6691-01-00-00				
460-2626-XX-XX-00	435-6527-01-00-00		435-6691-01-00-00				
460-2627-XX-XX-00	435-6525-01-00-00		435-6690-01-00-00				
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460-2629-XX-XX-00	435-6523-01-00-00		435-6663-01-00-00				
460-2946-XX-XX-00	435-6520-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2947-XX-XX-00	435-6520-02-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2948-XX-XX-00	435-6520-03-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2956-XX-XX-00	435-6520-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2957-XX-XX-00	435-6520-02-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2958-XX-XX-00	435-6520-03-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-2970-XX-XX-00	435-6468-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
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460-3205-XX-XX-00	435-6430-01-00-00	435-6654-01-00-00					
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460-3221-XX-XX-00	435-6430-01-00-00		435-6657-01-00-00				
460-3231-XX-XX-00	435-6474-01-00-00		435-6690-01-00-00				
460-3232-XX-XX-00	435-6468-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-3233-XX-XX-00	435-6468-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
460-3241-XX-XX-00	435-6468-01-00-00	435-6642-01-00-00	435-6690-01-00-00				
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460-3308-XX-XX-00							435-5680-01-00-00
460-3342-XX-XX-00	435-6411-01-00-00		435-6657-01-00-00				
460-3368-XX-XX-00							435-5680-01-00-00
460-3369-XX-XX-00							435-5680-01-00-00
460-3393-XX-XX-00	435-6474-01-00-00	435-6642-01-00-00	435-6657-01-00-00				
460-3889-XX-XX-00	435-6474-01-00-00	435-6676-01-00-00	435-6691-01-00-00				
460-5243-XX-XX-00	435-6461-01-00-00	435-6618-01-00-00					
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572-4813-XX-XX-00	435-6805-01-00-00					435-6851-01-00-00	
572-4825-XX-XX-00	435-6805-01-00-00					435-6851-01-00-00	
572-4842-XX-XX-00	435-6805-01-00-00					435-6853-01-00-00	
572-4843-XX-XX-00	435-6805-01-00-00					435-6851-01-00-00	
572-4848-XX-XX-00	435-6805-01-00-00					435-6853-01-00-00	
572-4860-XX-XX-00	435-6805-01-00-00					435-6853-01-00-00	
572-4861-XX-XX-00	435-6805-01-00-00					435-6851-01-00-00	
572-4877-XX-XX-00	435-6806-01-00-00					435-6854-01-00-00	
572-4883-XX-XX-00	435-6806-01-00-00					435-6854-01-00-00	
572-4886-XX-XX-00	435-6806-01-00-00					435-6854-01-00-00	
572-4892-XX-XX-00	435-6806-01-00-00					435-6854-01-00-00	
572-4901-XX-XX-00	435-6806-01-00-00					435-6854-01-00-00	
572-4904-XX-XX-00	435-6806-01-00-00					435-6854-01-00-00	
572-4907-XX-XX-00	435-6806-01-00-00					435-6854-01-00-00	

QUALITY APPROVALS

bsi.

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008

This is to certify that: Wearnes Cambion Limited
Castleton
Hope Valley
S33 8WR
United Kingdom

Holds Certificate Number: FM 20886

and operates a Quality Management System which complies with the requirements of ISO 9001:2008 for the following scope:

The design and manufacture of terminals, connectors, turned parts, moulded parts, wound components, radio frequency chokes and custom built transformers and inductors.

For and on behalf of BSI: Gary Fenton, Global Assurance Director

Originally registered: 30/06/1992 Latest Issue: 01/11/2012 Expiry Date: 31/10/2015

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This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.
An electronic certificate can be authenticated online.
Printed copies can be validated at www.bsigroup.com/ClientDirectory

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 845 080 9000
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

bsi.

Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2004

This is to certify that: Wearnes Cambion Limited
Castleton
Hope Valley
S33 8WR
United Kingdom

Holds Certificate Number: EMS 592511

and operates an Environmental Management System which complies with the requirements of ISO 14001:2004 for the following scope:

Design and manufacture of terminals, connectors, turned parts, moulded parts, wound parts, and RF transformers and inductors.

For and on behalf of BSI: Gary Fenton, Global Assurance Director

Originally registered: 10/06/2013 Latest Issue: 10/06/2013 Expiry Date: 09/06/2016

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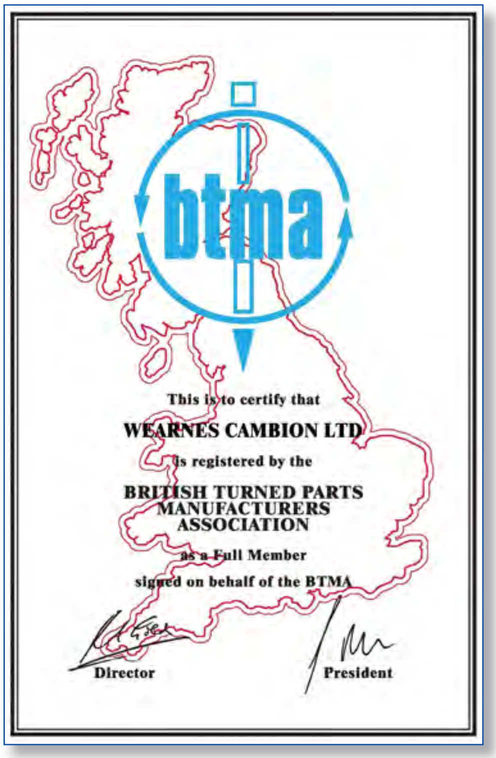
CAGE CODE

Wearnes Cambion Limited's CAGE code is K3105

MEMBER ASSOCIATIONS



btma

This is to certify that

WEARNES CAMBION LTD

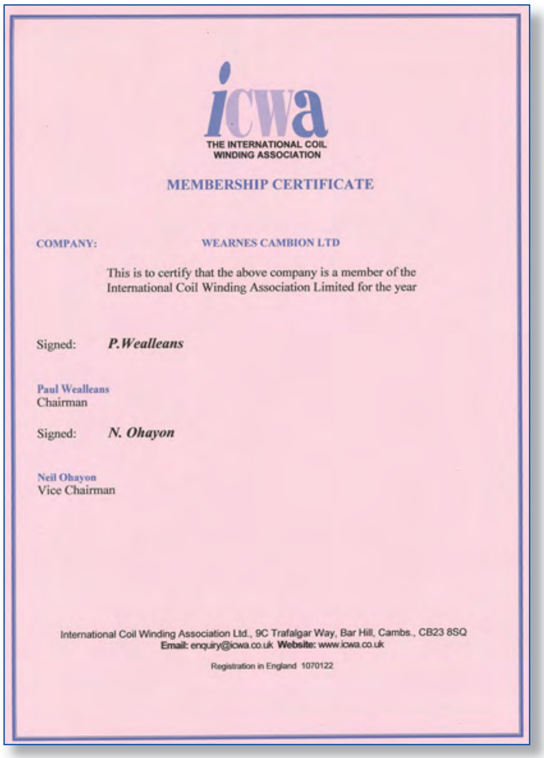
is registered by the

BRITISH TURNED PARTS MANUFACTURERS ASSOCIATION

as a Full Member

signed on behalf of the BTMA

Director President



icwa

THE INTERNATIONAL COIL WINDING ASSOCIATION

MEMBERSHIP CERTIFICATE

COMPANY: WEARNES CAMBION LTD

This is to certify that the above company is a member of the International Coil Winding Association Limited for the year

Signed: *P.Wealleans*

Paul Wealleans
Chairman

Signed: *N. Ohayon*

Neil Ohayon
Vice Chairman

International Coil Winding Association Ltd., 9C Trafalgar Way, Bar Hill, Cambs., CB23 8SQ
Email: enquiry@icwa.co.uk Website: www.icwa.co.uk

Registration in England 1070122

REACH

Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Statement

Wearnes Cambion Limited has studied the above regulations and at the time of print do not import or manufacture any chemical or articles above 1 (one) tonne from outside the EU. As a result, Wearnes Cambion Limited are classified as a DOWNSTREAM USER, which under the current directive only requires adherence to use purchased materials per manufacturers instructions. Currently Wearnes Cambion Limited do not supply any chemicals or services direct to any customers or sub-contractors, consequently have not registered any of the product contained in this catalogue.

Wearnes Cambion Limited will take all necessary steps to ensure continuation of material supplies (e.g. lubricants, machine coolants, cleaning materials etc.) and services used in processes to manufacture the products contained in this catalogue.

Information correct at time of publication, for the latest update please visit our website or contact the office.

RoHS

Restriction of Hazardous Substances (RoHS) Statement

Wearnes Cambion Limited is committed to offering products that comply with the latest EU directives, however it is recognised that not all applications through exemptions require 'Lead Free' products, consequently Wearnes Cambion Limited will endeavour to offer both RoHS and non RoHS products applicable to customer requirements. Products are clearly defined in the catalogue pages with their RoHS status, thus giving the customer a greater flexibility with product selection. RoHS compliant certificates are available from our web www.cambion.com
Please contact our Engineering department with any specific issues.

Information correct at time of publication, for the latest update please visit our website or contact the office.

Conflict Minerals Compliance

Conflict Minerals Compliance

The United States Congress passed legislation in July of 2010 requiring corporations to report the use of “Conflict Minerals” in the manufacture of their products. The current law, generally referred to as the "Conflict Minerals Law", was included as Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act, passed by the US Senate on May 20, 2010 and signed by President Obama on July 21, 2010.

“Conflict Minerals” in this context refers to specific minerals originating from mines controlled by armed groups in the Democratic Republic of the Congo or adjoining countries. The specific metals in question are: Gold, Tantalum, Niobium, Tin, Iron, Manganese, and Tungsten.

To the best of our knowledge Wearnes Cambion Limited is in full compliance with this legislation. We have received statements from suppliers who ensure us they are not sourcing raw materials from these restricted countries.

Information correct at time of publication, for the latest update please visit our website or contact the office for more information

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